CONSTRUCTION NEWS

Engineering News-Record, May 21, 1925

Some of the Week's Large Projects

AMONG the announcements for the current week of proposals, bids desired and received and contracts awarded, are the following big jobs:

Proposed Work

Irrigation work, Cotulla, Tex., Cotulla Irrigation Project plan bond election for irrigation work, $5,000,000.

Freight terminal, Detroit, Mich., Detroit Ry. & Harbor Terminals Co. having plans prepared, $4,500,000.

Water resources to be developed, Los Angeles, Calif., bond election, $4,500,000.

Club house, New York, N. Y., New York Athletic Club plans new building, $4,000,000.

Plant, Johnstown, Pa., Cambria Steel Co. plans to improve plant and build car shop, $2,500,000 and $500,000, respectively.

Office, Louisville, Ky., F. G. Breslin plans building, $2,500,000.

Sewage disposal plants, Camden, N. J., plans 2 sewage disposal plants, $2,338,000.

Apartment hotel, New York, N. Y., J. Goldstein and I. Teitelbaum having plans prepared, $2,000,000.

Apartment, Boston, Mass., E. N. Wyner plans building, $2,000,000.

Schools, Ft. Worth, Tex., plans to vote school bonds, $2,000,000.

Roads, Ft. Lauderdale, Fla., plan roads, $1,500,000.

Roads, Galveston, Tex., voted bonds for road work, $1,500,000.

Flood control, Brownsville, Tex., plans bonds, $1,400,000.

Harbor development, Santa Ana, Calif., plans bonds, $1,250,000.

Bids Wanted On Big Job

Club house, Brooklyn, N. Y., July 15, A. P. Brophy, Chn. Building Comn., B.P.O.E. No. 22, $4,500,000.

Bid Received On Big Job

Subway, New York, N. Y., Bd. Transportation from A. A. Johnson Corp., $3,651,000.

Large Contracts Let During Week

Auditorium, Minneapolis, Minn., City to National Constr. Co., $1,757,125.

Stadium, Philadelphia, Pa., Dept. Pub. Wks. to Turner Constr. Co., New York City, $1,377,800.

Apartment, University, Mo., University Realty Co., by day labor, $1,000,000.

PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

Bids Close		See Eng. News-Record
WATERWORKS		
May 22	Brooklyn, N. Y.	May 14
May 26	Newton, N. C.	May 21
May 27	Providence, R. I.	May 7
May 27	Cleveland, O.	May 21
May 28	Quincy, Ill.	Apr. 30
June 1	Towson, Md. Adv. May 14 and 21.	May 14
June 1	Mt. Pleasant, N. Y. Adv. May 14 and 21.	May 14
June 1	Lawrence, Mass. Adv. May 14 and 21.	May 14
June 1	Arlington, N. Y. Adv. May 21.	May 21
June 2	Pierre, S. D.	May 21
June 8	Gainesville, Fla.	May 21
June 8	Okeechobee, Fla. Adv. May 21.	May 21
June 15	Tuscaloosa, Ala. Adv. May 21.	May 21
June 24	Greenville, S. C. Adv. May 21.	May 21
SEWERS		
May 25	Winona, Minn.	May 14
May 25	Long Island City, N. Y.	May 21
May 26	Isanti, Minn.	May 14
May 26	Batavia, Ill.	May 21
May 26	Whitefish Bay, Wis.	May 21
May 26	St. Paul, Minn.	May 21
May 28	Wash., D. C.	May 14
June 1	River Grove, Ill.	Apr. 23
June 1	Deerfield, Ill.	Apr. 23
June 1	Little Falls, N. J.	May 14
June 5	Lackawanna, N. Y. Adv. May 14 and 21.	May 14
June 8	Maryland Adv. May 21.	May 21
June 9	St. Louis, Mo.	May 21
June 9	Mt. Pleasant, N. Y. Adv. May 21.	May 21
June 16	Salisbury, Md. Adv. May 14 and 21.	May 14
June 16	Clewiston, Fla. Adv. May 21.	May 21
BRIDGES		
May 22	Erie, Pa.	May 7
May 22	Ohio	May 14
May 23	Chester, S. C.	May 21
May 25	New Jersey	May 14
May 25	California	May 21
May 26	Portland, Ore.	Apr. 30
May 26	New Haven, Conn.	May 14
May 26	Washington	May 14
May 26	Maryland Adv. May 21.	May 21
May 26	Indiana	May 21
May 28	Winnsboro, La.	May 7
May 29	Georgia	May 21
May 30	Texas	May 21
June 1	New Jersey	May 21
June 1	Hastings, N. Y. Adv. May 21.	May 21
June 2	Gadsden, Ala	May 14
June 2	Gulfport, Miss.	May 21
June 3	Minnesota	Apr. 30
June 9	Washington, D. C. Adv. May 14 and 21.	May 14
June 9	Chester, Pa. Adv. May 21.	May 21
June 17	Alabama	May 21
DAMS		
June 2	Merced, Calif.	May 7
EXCAVATION, DRAINAGE IRRIGATION, LEVEES		
May 22	Ontario	May 21
May 26	Chandler, Okla.	May 14
June 5	Saulte Ste. Marie, Mich. Adv. May 21.	May 21
June 15	Leesburg, Fla. Adv. May 14 and 21.	May 14
STREETS AND ROADS		
May 22	West Caldwell (Caldwell P. O.), N. J.	May 14
May 22	Ohio	May 14
May 22	Cincinnati, O.	May 14
May 22	Bexley (Columbus P. O.), O.	May 21
May 24	New Philadelphia, O.	May 21
May 25	New Jersey	May 14
May 25	Kentucky	May 14
May 25	Rankin, Pa.	May 21
May 25	California	May 21
May 25	Catskill, N. J. Adv. May 21.	May 21
May 25	Cedar Rapids, Ia.	May 21
May 25	Long Island City, N. Y.	May 21
May 25	Milwaukee, Wis.	May 21
May 25	Arkadelphia, Ark.	May 21
May 26	Milwaukee, Wis.	May 21
May 26	Batesville, Ark.	May 21
May 26	St. George, N. Y.	May 21
May 26	Virginia	May 14
May 26	Washington	May 14
May 26	Maryland Adv. May 14 and 21.	May 14
May 26	South Dakota	May 21
May 26	Remsen, Ia.	May 21
May 26	South Dakota	May 21
May 27	Delaware	May 7
May 27	Iola, Kan.	May 14
May 27	New York, N. Y.	May 21
May 27	Milwaukee, Wis.	May 21
May 27	Fond du Lac, Wis.	May 21
May 28	Wisconsin	May 21
May 28	Warren, Ark	May 21
May 28	Davenport, Ia.	May 21
May 28	Louisiana	May 7
May 28	Pontiac, Mich.	May 14
May 28	Anderson, Tex.	May 14
May 28	Louisiana	May 14
May 28	Clinton, N. J.	May 14
May 28	New Jersey	May 21
May 28	Poughkeepsie, N. Y. Adv. May 21.	May 21
May 28	North Dakota	May 21
May 28	Nebraska	May 21
May 29	Lake City, Fla.	May 7
May 29	Huntsville, Tex.	May 7
May 29	Wisconsin	May 21
May 29	Nebraska	May 21
May 29	Tampa, Fla.	May 21
May 29	Arkansas	May 21
May 29	Council Bluffs, Ia.	May 21
May 29	Georgia	May 21
May 30	Bucoda, Wash.	Apr. 30
June 1	Seattle, Wash.	May 21
June 1	Kalama, Wash.	May 21
June 1	Ontario	May 21
June 1	Duluth, Minn.	Mar. 12
June 1	Lisbon, O.	May 7
June 1	Welland, Ont.	May 14
June 1	New Jersey Adv. May 21.	May 21
June 1	New York Adv. May 21.	May 21
June 2	Louisiana	May 14
June 2	Akron, O.	May 21
June 2	Anderson, Tex.	May 21
June 2	St. Louis, Mo.	May 21
June 2	North Dakota	May 21
June 3	Ocean Grove, N. J. Adv. May 21.	May 21
June 3	North Dakota	May 21
June 3	Alabama	May 21
June 4	Virginia Adv. May 21.	May 21
June 5	Cameron, Tex.	May 21
June 8	Kentucky	May 21
June 10	Duluth, Minn.	Apr. 9
June 17	Phila., Pa. Adv. May 21.	May 21
BUILDINGS—INDUSTRIAL		
June 1	Duluth, Minn.	May 21
June 10	Superior, Wis.	May 21
BUILDINGS—COMMERCIAL		
May 25	Brooklyn, N. Y.	May 21
May 25	Milwaukee, Wis.	May 21
May 26	Boston, Mass.	May 21
May 26	Long Island City, N. Y.	May 21
May 27	Daisetta, Tex.	May 14
June 1	East Boston (Boston P. O.), Mass.	May 21
June 2	Walters, Okla.	Apr. 23
June 3	Miller, S. D.	May 14
June 3	Central Islip, N. Y. Adv. May 14 and 21.	May 14
July 14	Phila., Pa.	Feb. 19
July 15	Brooklyn, N. Y.	May 21

Bids Close		See Eng. News-Record

BUILDINGS—EDUCATIONAL, RELIGIOUS

May 22	Attleboro, Mass.	May 21
May 23	Shawnee, O.	May 21
May 23	Phila., Pa.	May 21
May 24	Hagerstown, Md.	May 14
May 26	Reading, Pa.	May 21
May 27	San Francisco, Calif.	May 7
May 28	Marengo, Ia.	May 21
May 29	Wash., D. C.	May 14
June 1	Harrisburg, Pa.	May 14
June 1	Cleveland, O.	May 21
June 2	Dayton, O.	May 14
June 10	Evanston, Ill.	Apr. 23

FEDERAL GOVERNMENT WORK

May 26	Hospital—Lake City, Fla.	Apr. 30
May 27	Tow-boat—St. Louis, Mo.	Apr. 23
May 27	Waterworks — Pensacola, Fla.	May 14
May 27	Water Tanks—Tampa, Fla.	May 14
May 27	Monument—Parris Island, S. C.	May 14
May 28	Steel, etc.—Wash., D. C.	May 21
June 1	Accessories House—Pearl Harbor, H. T.	May 14
June 4	Post Office—Hinton, W. Va. Adv. May 14 and 21.	May 14
June 8	Boilers — Portsmouth, N. H.	May 14
June 8	Post Office—Ellsworth, Me.	May 14
June 10	Boilers—Burlington, Vt. Adv. May 14 and 21.	May 14
June 10	Buildings, etc.—San Diego, Calif.	May 14
June 10	Remodeling—Pittsburgh, Pa. Adv. May 21.	May 21
June 11	Post Office — Vineland, N. J. Adv. May 21.	May 21
June 11	Breakwater—Ohio Adv. May 21.	May 21
June 15	Barge—Montgomery, Ala. Adv. May 21.	May 21
June 15	Roa l—Colorado	May 21
June 16	Heating Plant—Mobile, Ala.	May 21
June 16	Electric Light Plant—Brunswick, Ga.	May 21
June 16	Fire Alarm System—Whipple Barracks, Ariz.	May 21
June 16	Cable, etc.—Whipple Barracks, Ariz.	May 21
June 17	Heating System—New Orleans, La.	May 21
June 18	Incinerator—New Orleans, La.	May 21
June 19	Remodeling—Norwich, Conn.	May 21
July 29	Hospital—Canacao, P. I.	May 21

UNCLASSIFIED

May 22	Borings—New York,	May 14
May 22	Subway, etc.—New York, N. Y.	May 14
May 25	Distribution System—Winthrop, Minn.	May 14
May 25	Athletic Field—Cleveland, O.	May 21
May 26	Plumbing and Heating—Vineland, N. J.	May 14
May 27	Fire Alarm System—Ogdensburg, N. Y.	Apr. 30
May 27	Sea Wall—Gulfport, Miss.	May 7
May 28	Oil Engine — Generator, etc.—Ponco City, Tex.	May 14
May 29	Inspection Shed—Long Island City, N. Y.	May 21
June 11	Dock, etc.—Baton Rouge, La. Adv. May 21.	May 21
June 16	Electrical and Refrigerating Equipment — New York, N. Y.	May 21
June 17	Heating System—Geneva, N. Y. Adv. May 21.	May 21

MATERIALS

May 22	Crushed Stone, etc.—Cleveland, O.	May 21
May 25	Road Oil—Appleton, Wis.	May 21
May 25	Cement—Long Island City, N. Y.	May 21

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

N. J., Browns Mills — State Utility Bd. ordered browns Mills Water Co., to install new 20,000 gal. water tank at plant. Engineer not selected.

Fla., Clearwater—Plans election $190,000 bonds extending water mains. C. Mason, city mgr.

Fla., Dundee—Election May 19, $25,000 bonds for waterworks. J. L. Olson, city clk.

Fla., Pablo Beach—Voted $135,000 bonds, waterworks improvements and extensions. J. A. Bussey, mayor.

Miss., Tylertown — Making preliminary plans waterworks and distribution system. $40,000. H. A. Mentz, Magnolia, engr.

O., Avon—Cleveland Electric Illuminating Co., Illuminating Bldg., Cleveland, plans 309 ft. intake and overflow tunnels, 600 x 700 ft. basin, and 2 breakwaters, 105,400 tons stone, etc., here. J. Wolf, Illuminating Bldg., Cleveland, engr.

O., Columbus—See "Streets and Roads."

Wis., Hillsboro — A. Webster, city clk., plans new waterworks. $60,000. Engineer not selected.

Wis., Marinette — S. O'Shea, city clk., making plans c.i. mains in Marinette Ave. $30,000. A. L. Hillis, City Hall, engr.

Wis., Milwaukee—Bd. Pub. Wks. withdrew bids Apr. 28, 224,428 ft. 6- to 12-in. c.i. mains in various streets. Will readvertise.

Wis., West Milwaukee (Milwaukee P. O.) —Making plans 2 mi. 6 and 8 in. mains in Hilldew subdivision. To exceed $15,000. Orbert & Gohn Eng. Co., 1st Natl. Bank Bldg., West Allis, engrs.

Ia., Henderson—Plans waterworks. $20,000. G. T. Harover, city clk.

S. D., Rockham—Plans election $27,500 bonds for waterworks. Engineer not announced. C. A. Smith, city clk.

Tex., Goree—Voted $35,000 bonds, waterworks improvements, incl. drill, 15 ft. diam. well, 50,000 gal. steel tank on 100 ft. tower, etc. Montgomery & Ward, 1016 City Natl. Bank Bldg., Wichita Falls, engrs. Noted Apr. 9.

Tex., Mathis—State Bd. Water Engineers selected site on Nueces River, near here, for dam to supply water to city of Corpus Christi, and for irrigation purposes in territory adjoining Corpus Christi. $1,000,000 or more. Address P. G. Lovenskiold, Corpus Christi, mayor.

Tex., Richmond—Election soon $25,000 bonds waterworks extensions and additional fire plugs. Engineer not announced.

Okla., Blackwell — Voted $15,000 bonds for 8,000 ft. 10 in. c.i. force mains from river to filtration plant. W. Ritzhaupt, Jr., Blackwell, engr.

Ariz., Gilbert—Voted $40,000 bonds for waterworks. Noted Apr. 23.

Ore., Oswego—Making plans new waterworks. $250,000. H. L. Gilbert, Council Bldg., Portland Bldg., engr.

Calif., East San Diego (San Diego P. O.) —Plans election $200,000 bonds, to finance water distribution system.

Calif., Los Angeles—Election June 2, $4,500,000 bonds to purchase lands and develop water resources in Owens Valley; also $2,000,000 bonds, preliminary work on Colorado River aqueduct.

Calif., Montebello—Plans election $325,000 bonds for water system, incl. distributing lines, etc. L. C. Herr, city clk.

Calif., Orosi—Public Utility Dist. made plans 11,000 ft. trenching and laying 2- to 8-in. pipe line, etc., in various streets. Switzer & Moye, Visalia, engrs.

BIDS DESIRED

N. Y., Arlington — June 1, by Water Comrs., Fire House, c.i. pipe, specials, etc. O. A. D'Luhosch, 54 Market St., Poughkeepsie, consult. engr.; adv. E. N.-R. May 21.

N. C., Greenville — June 24, by Water Comn., 30 in. c.i. gravity pipe line, lock joint rein.-con., or lock bar steel 18 mi. long, etc. J. L. Ludlow, Winston-Salem, consult. engr.; adv. E. N.-R. May 21.

N. C., Newton — May 26, by L. H. Phillips, mayor, and Bd. Alderman, 7,500 ft. 4 and 6 in. water pipe and 7,000 ft. 8 in. sewer in various streets. Spoon & Lewis, 407-9 Amer. B nk Bldg., Greensboro, engrs.

Fla., Gainesville—June 8, by City Council, G. H. Cairns city mgr., 37,000 lin.ft. 6- to 16-in. c.i. mains etc., and 47,000 lin.ft. 8- to 21-in. terra cotta or concrete sewers etc. in various streets. E. V. Camp and associates, 1 North Maryland Ave., Atlanta Ga., Hill Bldg., Jacksonville, and Bartow, consult. superv. and testing engrs.

Fla., Okeechobee — June 8 (extended date), by Mayor and City Council, H. H. De Yarman, pres., water extensions improvements. F. E. Lawrence, Okeechobee, engr.; adv. E. N.-R. May 21.

Ala., Tuscaloosa — June 15, by Water Works Comn., C. E. Abbott, mgr., filtration plant improvements and additions, also filter equipment. Morris Knowles, Inc., 507 Westinghouse Bldg., Pittsburgh, Pa., engrs.; adv. E. N.-R. May 21.

O., Cleveland—May 27, by Comrs. Cuyahoga Co., c.i. mains in Starr Ave., East 140th and 146th Sts., Impvts. 559 and 560. F. R. Williams, Court House, engr.

O., Cleveland — May 29, by City, 36 in. first high service water main in Ridge Rd., Sect. 4. To exceed $100,000. A. V. Hamlin, Court House, engr.

S. D., Pierre—June 2, by Capitol Comn., J. Erickson, asst. supt., concrete pump house, intake, fire mains, etc., on Capitol Grounds. T. Soleglad, acting highway engr.

Tex., Jayton—Taking bids waterworks and improvements, incl. tank on tower, 3 or 4 mi. 6 in. mains from present reservoir, etc., $50,000. Montgomery & Ward, 1016 City Natl. Bank Bldg., Wichita Falls, engrs. Noted 26.

Okla., Grandfield — G. H. Hoefer, city mgr. in market for 2 new motor driven pumps 200 g.p.m. each against 300 ft. head. Motors to be 30 hp. each.

Okla., Pauls Valley—R. E. Braden, city supt. in market for 2 new double stroke deep well pumps, 80 g.p.m. each, with 12½ hp. motors.

Ont., Crystal Beach—May 29, by P. E. Ryan, reeve, 1,450 ft. 18 in. steel intake with intake crib, 1 story, 45 x 64 ft. concrete, brick and ste l pumphouse, hot water heating system, 750,000 gal. pressure filters 500 and 1,000 gal. electric centrifugal pumps, 100,000 gal. elevated steel water tank, etc. $50,000. E. H. Darling, 47 Home Bank Bldg., Hamilton, engr.

BIDS RECEIVED

Md., Baltimore—Bd. Awards, superstructures of chemical, filter and shelter buildings, pumping station and garage, etc., at Montebello Ave., from Consolidated Eng. Co., 20 East Franklin St., $314,551 (240 days). Noted May 7.

Wis., Milwaukee—Dept. Pub. Wks., 13,019 ft. 6 in. pipe, from F. E. Kaminski, 745 46th Ave., West Allis, $10,338; 7,644 ft. 8 in. and 1,935 ft. 12 in. pipe, from Wenzel & Henoch Co., 498 27th St., $4,443 and $9,034 respectively. Noted May 7.

Wis., Milwaukee—Dept. Pub. Wks., May 7, for 5,500 ft. 54 in. c.i. mains in Burleigh St. between 35th and 51st Sts., from Nevada Constr. Co., Nevada, Ia., $66,000. Noted Dec. 18.

B. C., Vancouver—City Clerk, City Hall, 14 mi. 36 in. steel pipe, from Vancouver Eng. Wks., 6th Ave. and Cambie St., $500,324. Engrs. est. $500,000. Noted Apr. 23.

CONTRACTS AWARDED

N. H., Jaffrey—Com. Additional Water Supply, Selectmens office, East Jaffrey, masonry dam on Mead Brook, Contr. A, and c.i. pipe line connecting existing mains at Jaffrey Center, Contr. B, to G. Serullo & Co., 31 North Sq., Boston, Mass. Noted Apr. 30.

Md., Baltimore—Bd. Awards, 3 Venturi meter tubes and special registers to Water Dept., f.o.b. Baltimore, to Builders Iron Fdry., Codding St., Providence, R. I., $12,740. Noted May 21.

Md., Towson — Comrs. Baltimore Co., mains in Colgate and Essex, Contracts 2W and 3W, to Chesapeake Constr. Co., 216 St. Paul St., Baltimore, $80,145. Noted Apr. 2.

O., Cleveland — Cuyahoga Co., mains in Highland Park Subdivision, Impvt. 556, to Iafornaro & Son, 2280 Murrey Hill Rd., $21,420. Noted May 7.

O., Cleveland—Cuyahoga Co., 7,500 ft. 12 in. c.i. mains in Wallings Rd., Impvt. 86, to E. Cesa, 2194 Stearns Rd., $37,463. Noted May 14.

O., Maple Heights (Bedford P. O.) — See "Sewers."

O., Rocky River — Realty Underwriters Co., 6 and 8 in. mains in various streets, to Sprague & Burkhardt, 11812 Browning Ave., Cleveland, $21,000.

Mich., Detroit — Bd. Water Comrs., to Lynchburg Fdry. Co., 122 South Michigan Blvd., Chicago, Ill., 500 tons 12 in. c.i., 1,142 tons 16 in. and 1,500 tons 30 in. pipe, all $42.82 per ton; to Standard Cast Iron Pipe & Fdry. Co., Atlanta, Ga., 2,000 tons 24 in. c.i. pipe $43.92; to J. B. Clow & Sons, Franklin and Harrison Sts., Chicago, Ill., 460 tons 24 in. c.i. pipe, $44.20 per ton; to B. Nicoll & Co., 294 Madison Ave., 3,300 tons 30 in. c.i. pipe, $41.95; to U. S. Cast Iron Pipe & Fdry. Co., 122 South Michigan Blvd., Chicago, Ill., 1,450 tons 30 in. and 525 tons 42 in. c.i. pipe, $43.85 per ton.

Waterworks (Continued)

Mich., Iron Mountain—City, 6,000 ft. 16 in. de Lavand bell and spigot pipe, to U. S. Cast Iron Pipe & Fdry. Co., 122 South Michigan Blvd., Chicago, Ill., $16,260.

Ill., Winthrop Harbor—Bd. Local Impvts. extending mains in 11th St. and College Ave., to Sieg Constr. Co., Waterloo, Ia., $9,791. Engrs. est. $10,725. Noted Apr. 30.

Wis., Green Bay — J. Du Charne, clk. Allouez Twp., 100,000 gal. steel, tank on 120 ft. steel tower, to Pittsburgh-Des Moines Steel Co., 38 South Dearborn St., Chicago, Ill., $8,632; 15,582 ft. 6- to 10-in. c.i. pipe, and 7 tons fittings, to Natl. Cast Iron Pipe Co., 122 South Michigan Blvd., Chicago, Ill.; laying above pipe and fittings, to Brogan & Sons, 700 Dousman St.; 15 tons lead, to Traverse City Iron Wks., Traverse City, Mich. Noted Apr. 23.

Minn., Minneapolis — F. S. Gram, city purch. agt., riveted steel pipe and fittings for new filter plant (under construction), to J. McNeil & Bro., 29th St., Pittsburgh, Pa., $33,170.

Minn., Stillwater — Bd. Water Comrs. rein.-con. reservoir, to Berg Constr. Co., Hudson, $10,872; steel stand pipe, to Pittsburgh-Des Moines Steel Co., Tuttle and 10th Sts., Des Moines, Ia., $7,750. Noted Apr. 16.

Minn., Waseca—Water & Light Bd., H. E. Isker, mgr., drilling well approximately 770 ft. deep, to McCarthy Well Co., Wabasha and Eustis Sts., St. Paul, $12,345; deep well pump, to J. G. Robertson & Co., 2542 University Ave., St. Paul, $7,687; well house, to H. Wyke & Co., Waseca, $2,200. Grand total $22,232. Noted Apr. 16.

Ark., Brinkley—Arkansas Light & Power Co., Pine Bluff, will build water softening plant, here, by day labor. Private plans. $40,000. H. O'Neill, c/o owner ch. engr.

Tex., Dallas—Oakland Development Co., c/o R. L. Ferguson, Magnolia Bldg., waterworks and sewer improvements in new 74 acre district not yet named, to A. B. Lee, 811 Park View, approximately $35,000.

Calif., Elsinore—For waterworks, to C. Fisher, Chapman Bldg., Los Angeles, $131,738.

Sewers

PROPOSED WORK

N. J., Camden—Plans 2 sewage disposal plants on Delaware River, between 30th and 32nd Sts. and on Newton Creek, south of Morgan Blvd. on line with 8th St., pumping stations, etc. $2,338,000. Remington & Vosbury, 509 Cooper St., engrs.

W. Va., Huntington — Election May 25, $801,000 bonds for sewers in various streets. A. B. Maupin, city engr.

Fla., Clearwater—Plans election $58,000 bonds extending sewerage system. C. Mason, city mgr.

Fla., Haines City—Election June 5, $45,000 bonds, sanitary sewers in various streets. E. C. Bryan, mayor.

Fla., Pablo Beach—Voted $120,000 bonds, sewer improvements and extensions in various streets. J. A. Bussey, mayor.

O., Alliance—Plans to purchase site and construct new sewage disposal plant to take place of one now in operation, also extend sewers in various streets. $800,000. G. B. Gascoigne, 648 Leader-News Bldg., Cleveland, engr.

O., Columbus—See "Streets and Roads."

O., Massillon—Soon takes bids sanitary sewers in East Walnut, Cherry, Guy, West Main and Buchel Sts., etc. $25,000-$50,000. C. E. Rice, city engr.

Ill., Blue Island — Making preliminary plans combined storm water and sanitary sewerage system for western section of city. $200,000. A. L. Fox, 160 North La Salle St., Chicago, engrs.

Ill., Carbondale — Making preliminary plans sanitary sewerage system in southwest section. P. B. Wilson, Marion, engr.

Ill., Jonesboro — B. Gwahler, city clk., takes bids about June 1 disposal plant, 8 and 10 in. sanitary sewers, etc. in various streets. $40,000. W. A. Fuller Co., Railway Exch. Bldg., St. Louis, Mo., engrs. Noted Feb. 19.

Wis., West Milwaukee (Milwaukee P. O.) —S. J. Brew, village clk., making plans 2 mi. vitr. or concrete sewers in Hilldew subdivision. To exceed $25,000. Orbert & Gohn Eng. Co., 1st Natl. Bank Bldg., West Allis, engrs.

Ia., Council Bluffs—Making preliminary plans 14,205 ft. 6- to 18-in. vitr. clay sewers, etc., in South 10th, South 11th and 16th Aves. J. H. Wayne, city clk.

Tex., Austin—Election June 11, $75,000 bonds, extending sewers in various streets. C. E. Leonard, city engr.

Tex., San Angelo—Takes bids after May 30, sanitary sewerage system and disposal plant. $275,000. Terrell Bartlett Engineers, 612 Calcasieu Bldg., San Antonio, engrs. Noted Apr. 30.

Calif., Los Angeles—Made plans sewers in Boyle Heights Storm D. D. 3, 12,000 ft. 6- to 21-in. cement and 12,500 ft. 12- to 45-in. monolithic concrete or rein.-con. storm drain pipe, etc. H. A. Van Norman, city engr.

Calif., Placentia — Placentia Sanitary Dist., made plans 7,735 ft. vitr. and 22,921 ft. 8- to 12-in. sewers, etc., in various streets. W. G. Knox, Ramona Bldg., Santa Ana, engr.

Calif., Stockton — Making plans storm water sewers in North Stockton Sect. $40,000. W. B. Hogan, city engr.

BIDS DESIRED

N. Y., Long Island City — May 25, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., sewers in Borden, Greenpoint, Cooper, Griffith, Fisk, Jamaica and Hillside Aves., Fairmount, Sherwood, Market and 137th Sts.

N. Y., Mt. Pleasant — June 9, by F. L. Merritt, clk. Bd. Supervs. Westchester Co., Court House, White Plains, sewers and disposal plant at Grassland Hospital at East View, here. Waring, Chapman & Farguhar, 874 Bway., New York City, engrs.; adv. E. N.-R. May 21.

N. Y., Poughkeepsie — See "Streets and Roads."

Maryland—June 8, by Comrs. Baltimore Co., Court House, Towson, sewers in Towson, Stoneleigh, Annesile and Idlewylde. A. E. Walden, ch. engr.; adv. E. N.-R. May 21.

N. C., Newton—See "Waterworks."

Fla., Clewiston—June 16, at office of F. D. Duff, secy. Sugarland D. D., complete oil engine driven drainage pumping plant, 180,000 g.p.m. capacity. Elliott & Harmon Eng. Co., Memphis, Tenn., or Clewiston, engrs.; adv. E. N.-R. May 21.

O., Akron—June 2, by W. F. Peters, dir. Pub. Serv., rebuilding 1,700 ft. 12- to 15-in. vitr. clay and 4,350 ft. 30- to 63-in. brick sewers preliminary to abolishing grade crossings at Buchtel Ave. and Exchange St., Contr. 1. $150,000. J. E. Root, Delware Bldg., engr. Noted Apr. 23.

Ill., Batavia—May 26, by City, in Council Chambers, City Hall, sewage purification plant in South Dist. and one in North Dist., each incl. tanks, buildings, excav., manholes, etc. $7,267 and $15,420 respectively. Wells Eng. Co., Court House, Geneva, engr.

Wis., Whitefish Bay—May 26, by J. H. Fowles, secy. Metropolitan Sewerage Comn., 508 Market St., Milwaukee, 9,350 lin.ft. 42 in. concrete sewers, etc., in Whitefish Bay extension, here. T. C. Hotten, c/o owner, engr.

Minn., St. Paul—May 26, by H. W. Austin, city purch. agt., constructing Belt Line, Phalen and Hazel Park sewers, Contr. K, 273 ft. 9 ft. circular sewer, 1,747 ft. 7 ft. and 2,487 ft. 6 ft. concrete and 2,290 ft. 18- to 35-in. vitr. pipe, etc. $150,000. G. M. Shepard, city engr.

Mo., St. Louis — June 9, by Bd. Pub. Wks., 208 City Hall, sanitary sewer in Harlem Creek Dist. 16, approximately 8,345 ft. 8- to 36-in. vitr. clay, brick and segmental block pipe. $35,500. W. W. Horner, 300 City Hall, engr. Noted Jan. 1.

Calif., Los Angeles—Bd. Pub. Wks. taking bids Sect. 23, North Outfall sewer, incl. 14,000 common sewer brick, 94,000 lin.ft. vitr. clay lining bricks, 5,000 tons crushed rock or screened gravel, 11,000 bbl. cement, etc. H. A. Van Norman, city engr. To exceed $25,000.

BIDS RECEIVED

N. Y., Brooklyn—J. A. Guider, boro pres., Boro Hall, May 14, **(e. e. means engrs. est.)** sewer in Gravesend Neck Rd., from Mannill Constr. Co., 2035 Douglas St., 66.3% e. e. $6,065, in 48th St., from S. J. Coenzo, 678 Glenmore Ave., 79.5% e. e. $797, Liberty Ave., from C. Ambrosio, 1016-60th St. 63% e. e. $700.

N. Y., New York — H. Bruckner, pres. Bronx, 3rd and Tremont Aves., May 14; sewers, etc., in Cornell Ave. from C. W. McDonald, 1910 Webster Ave., $538,166, in East 242nd St., from Spadaro & Turiamo, 3185 East Tremont Ave., $4,718. Noted May 7.

Md., Baltimore — Bd. Awards, storm sewers in Sewer Dist. J-8, from F. Angelozzi, 238 Albemarle St., $196,295.

O., Cleveland—Comrs. Metropolitan Park Dist. 1,500 ft. 4 x 11½ ft., concrete conduit in Big Creek Parkway, from Gantose Constr. Co., Columbia Bldg., $39,415.

O., Euclid—Village, 8,030 ft. 36- to 48-in. sanitary sewer in Cut Rd., from N. Carrocio, 14109 Benwood St., Cleveland, segmental block $78,465, from D. M. Zullo, 706 The Arcade, Cleveland concrete $86,480; from C. W. Jackson, 1318 East 84th St., Cleveland, brick $92,700.

Wis., Milwaukee—Dept. Pub. Wks., May 6, from G. Zimmermann, 3402 Grand Ave., vitr. clay storm and sanitary sewers in Atkinson Ave. between Litchworth Pl. and 27th St. $1,077, 23rd St. $2,952, 24th St. $2,913, West 24th St. $3,066, 25th St. $2,985 and 26th St. $3,487, all above between Lake and Hope Sts.; from J. J. Shabart, 1003 41st St., in Ludlow Ave. between New York and Delaware Aves., $1,700; from Milwaukee Sewer & Drainage Co., 928 Humboldt Ave., in 50th St. between North and Lisbon Aves. $1,058, and 27th St. between Lake St. and Atkinson Ave., $10,793; from Wenzel & Henoch Co., 498 27th St., in Garfield Ave. between Barclay St. and point 475 ft. east, $12,466.

Wis., Milwaukee — J. H. Fowles, secy. Sewerage Comn., 508 Market St., May 8, from Wenzel & Henoch Co., 498 27th St., 4,021 lin.ft. 21 in. terra-cotta pipe $27.47 per ft. and 281 lin.ft. 18 in. terra cotta pipe at $25 per ft., one 10 in. c.i. pipe siphon at $4,500, 181 vertical ft. standard manholes $16 per ft. Noted Apr. 30.

Calif., Alhambra—From Campbell Constr. Co., 350 Merrick St., Los Angeles, constructing Sewer Dist. 12, 60,418 ft. 8 in. vitr. pipe at $1.07, 2,144 ft. 4 x 8 in. wye branches at $0.70, one thousand six hundred and eighty-eight 4 in. house sewers at $25.96, total $130,082. Noted April 9.

Calif., Palo Alto—Storm water sewers in Oregon Ave., etc., also vitr. sewers in South Palo Alto Dist., from Oakland Sewer Constr. Co., 386 15th St., Oakland, $31,356 and $23,124 respectively. Noted Apr. 30.

CONTRACTS AWARDED

Pa., Phila.—Dept. Pub. Wks., Bureau Engineering, to O'Neill Co., 127 East Mermaid Lane, main sewer in Caster Ave., $142,821, branch sewer in Mermaid Lane, $29,245; to Vare Constr. Co., 1120 Race St., main sewer in Magee Ave. $70,116, branch sewer in Cheltham St. $21,141; to R. P. Ryan, 2923 West Lehigh Ave., main sewer in Summerdale Ave. $16,514, branch sewer in Balfour St. $34,364; to A. Di Sandro & Son, 3906 North 5th St., branch sewer in Bleigh St. $6,510, Frankfort St. $8,829, Ryan St. $5,511, to A. Perna & Son, 752 South 10th St., Cadwallader St. $4,304, to A. J. Henderson, East Washington Lane and Reading Ry., Cedar St. $5,377, 20th St. $7,675, to J. J. McHugh, 1617 Race St., Coleman St. $9,630, Jackson St. $4,189, to A. Cascrato, 1602 Wharton St., Cottage St. $4,420, Princeton St. $5,882, to A. Frunzi, 513 High St., Crittenden St. $8,816, to E. Pascuzzi Co., 601 Lincoln St., Erie St. $13,895, to P. Ventresco, 6225 Chew St., Frankford St. $14,192, to Vattieri & Pontarelli, 523 Rising Sun Lane, Huntington Park Ave. $8,800, N St. $3,452, Sedgley St. $14,633, Torresdale St. $19,063, to J. Hastie, 601 East Hilton St., Jackson St. $6227, to A. Bonitatibus, 300 West Mt. Pleasant Ave., Rutland St. $5,494, to A. Mattia, 310 West 65th St., Wakeling St. $2,812, to E. F. Bennis, 825 East Washington Lane, Wayne St. $6,986. Grand total $480,898. Noted Apr. 30.

Ala., Florence — Sanitary and storm sewers in 10 blocks various streets, to Sullivan-Long & Hagarty, 19th St., Bessemer, $43,273. Engrs. est. $44,000.

Tenn., Butler—See "Waterworks."

O., Columbus—City, 2,000 ft. 48 in. storm sewer in Wheatland Ave., 5,340 ft. 20- to 78-in. in Richardson Ave., and 569 ft. 15 in. in Mound St., to H. E. Miller Contg. Co., 938 South High St., $26,972; also 810 ft. 48 in. sewer Torrence Run, to B. Conini, 1705 Shawnee Ave., $4,563. Noted Apr. 23.

O., Maple Heights (Bedford P. O.) —Sewer and water mains in 6 streets, to Curro & Whittaker, 12208 Mayfield Rd., Cleveland, sewers $62,600, and water mains $31,000.

Mich., Detroit—To Western Constr. Co., 1208 Ford Bldg., Lateral 4321 $5,392, Lateral 4331 $6,352; to Waterway Constr. Co., Detroit, Lateral 4342 $2,949; to J. and A. Pontarelli, 2137 Pierce Ave., Lateral 4344 $8,500, Lateral 4348 $2,750, Lateral 4351 $16,642; to Michigan Constr. Co., 400 Penobscot Bldg., Lateral 4332 $8,611; to W. Blanck & Co., 40 Seven Mile Rd. E., Livernois-Curtis Ave. Arm, Sect. 1, Six Mile Rd. Sewer $63,195, and Livernois-Curtis Ave. Arm, Sect. 2 $86,662; to Detroit Drainage Constr. Co., 5099 Lemay Ave., 14th Ave. Arm Sewer $18,306, Waveney Ave. Arm of Bedford Rd. Sewer

Sewers (Continued)

$36,320, Lateral 4329 $11,000, Lateral 4344 $18,737, Lateral 4338 $7,800; to S. Healy, 6466 Epworth Blvd., Waveney Ave. Arm Ashland Ave. Sewer $31,654; to Lincoln Constr. Co., 12337 Indiana Ave. Lateral 4337 $1,250. Noted May 14. Grand total $326,120.

Ill., Blue Island—Intercepting flood relief sewers in Special Assessment Dist. 279, to Higgins, Dyer & Co., International Life Bldg., St. Louis, Mo., $98,879.

Ill., Rockford—Bd. Local Impvts. 33,932 ft. 6- to 15-in. vitr. salt glazed sewers in Welty Addition, to G. W. Mulholland, 2025 Oxford St., $43,000; 7,589 ft. 6- to 10-in. vitr. salt glazed sewers in Grant Ave. and Burton St., to C. E. Hughes, Rockford, $11,000.

Ia., Cedar Rapids—Storm sewers in various streets, 3,588 ft. 4½- to 6-ft. segmental block, 4,480 ft. 4½- to 6¼-ft. 2 ring brick and 66,280 ft. concrete pipe, etc., also smaller sanitary sewer, to T. Johnson, Eagle Grove, $55,269 and $9,025 respectively; concrete surfacing various streets, to Hahn Constr. Co., 1109 12th Ave. W. $6,851. Noted Apr. 23.

Calif., Garden Grove — Garden Grove Sanitary Dist., to Drainage Constr. Co., Santa Ana, interior sewage system, 18,062 ft. 6 in. vit. pipe $1.10, 13,385 ft. 8 in. vitr. pipe $1.25, 1,373 ft. 10 in. vitr. pipe $1.38, 4,745 ft. 12 in. vitr. pipe $1.48, etc., total $56,857.

Calif., Santa Barbara — City Council, rein.-con. storm drains etc., in portions of Laguna, Ortega Sts., etc., known as East Side Drainage Project, 834 ft. vitr. pipe, 15,528 ft. 18- to 54-in. rein.-con pipe, 509 ft. rein.-con. box culvert, etc., to Cornwall Constr. Co., 227 Equestrian St., $123,515. Noted Apr. 23.

Waste Disposal

BIDS RECEIVED

N. Y., New York — W. W. Mills, comr. Plants & Structures, Municipal Bldg., May 15, waste disposal plant, at Tompkins, Rivington and Stanton Sts., from Niewenhous Co., Inc., 316 East 161st St., $554,000; furnace flues, etc., from Hiler Eng. & Constr. Co., 122 Livingston St., Brooklyn, $173,000; 4 auto truck elevators from Otis Elevator Co., 11th Ave. and 26th St., $117,440; 2 radial brick chimneys from Alfonso Custodis Chimney Constr. Co., 95 Nassau St., $31,000.

Bridges

PROPOSED WORK

Pa., Harrisburg—Harrisburg Bridge Co., made plans and soon takes bids sixteen 88½ ft. concrete arch spans rockfaced piers and abutments for sixteen 90 ft. steel deck spans, also moving the 16 steel spans to new location over Susquehanna River, on Market St. Modjeska, 121 East 38th St., New York City, and F. Masters, Calder Bldg., engrs. P. P. Cret, University of Pennsylvania, Phila., archt. Noted Dec. 18.

W. Va., Huntington — Election May 25, $309,000 bonds for bridges. A. B. Maupin, city engr.

Tenn., Greenville—Green Co. appropriated $35,000 bonds, bridge across Nolichucky River, near here.

O., Cleveland — Cuyahoga Co., Court House, making plans two 20 ft. rein.-con. span additions to bridge on Lake Shore Blvd. $25,000. F. Lander, Court House, engr.

Nebraska—See "Streets and Roads."

Tex., Conroe—See "Streets and Roads."

Tex., Conroe—Montgomery Co. plans 10 span 266.5 ft. steel and timber bridge across Spring Creek, State Highway 19. $30,500. R. H. Spiller, Conroe, engr.

Tex., Gonzales—See "Streets and Roads."

Tex., Madisonville — See "Streets and Roads."

Tex., Palestine — Anderson Co. plans 2 span 120 ft. rein.-con. and steel bridge across Neches River, between Anderson and Cherokee Counties. $48,000. E. W. Davis, Palestine, engr.

Tex., Van Horn — See "Streets and Roads."

Tex., Waco—McLennan Co. having revised plans prepared and soon takes bids 150 ft. steel span, riveted pratt truss bridge, two 60 ft. steel truss and 270 ft. timber approaches across Bosque River at Eichelbergers crossing. Former bids rejected. $70,000. Noted Apr. 9.

BIDS DESIRED

N. Y., Hastings—June 1, at office F. L. Merritt, clk. Bd. Supervs. Westchester Co., Court House, White Plains, repairing Warburton Ave. Bridge, here; adv. E. N.-R. May 21.

New Jersey—June 1, by State Hy. Comn., Trenton, 3 rein.-con. slab bridges, one over Waretown Creek, one over Oyster Creek, and one over South Branch Forked River, all Route 4, Sect. 28A, Ocean Co. A. L. Grover, secy.; adv. E. N.-R. May 21.

Pa., Chester — June 9, at office G. T. Wadas, controller Delaware Co., Media, Bridge 185, known as West 9th St. Bridge, 160 ft. rein.-con., arch span, over Chester River, here; adv. E. N.-R. May 21.

Maryland — May 26, by State Roads Comn., Baltimore, 55 ft. span rein.-con. arch bridge over Great Tonoloway Creek, on Natl. Pike, 2 mi. east of Hancock, Contr. W-38, also 43 ft. 3 in. span rein.-con. arch bridge over Tonoloway Creek, on Natl. Pike, at west limits of Hancock, Contr. W-39, both Washington Co. J. N. Mackall, chn.; adv. E. N.-R. May 21.

S. C., Chester — May 23, at office Bd. Directors Chester Co., thirteen 14 ft. span creosoted timber bridge across Tinker Creek, 1,305 ft. treated piling, 19,859 ft. treated lumber and 1,656 lb. hardware, etc. W. H. Harden, chn.

Georgia — May 29, by State Hy. Dept., East Point, relief bridge over Ocenee River, incl. 74,806 ft. 8- to 16-in. treated timber, etc. and Bridge over Fishing Creek, incl. 37,997 ft. 8- to 16-in. treated timber, etc., both on State Aid Project G-4-28 and G-4-39, Baldwin Co.; 2 bridges on Federal Aid Project 392-B, Gilmer Co., Bridge 1, incl. 11,608 lb. reinforcing, etc., Bridge 2, incl. 31,200 lb. reinforcing, 14,993 ft. treated timber, etc. W. R. Neel, highway engr.

Alabama—June 17, by State Hy. Dept., Montgomery, 6 span, ¼ mi. steel or concrete bridge across Tennessee River, at Decatur, in Morgan and Limestone Counties. $500,000. W. S. Keller, highway comr. Noted Apr. 30.

Miss., Gulfport—June 2, by Bd. Supervs. Harrison Co., 3,800 ft. concrete bridge with 25 ft. roadway, 5 ft. walk and 78 ft. bascule draw span. $300,000. Hendrick, Smith & Frost, Portland, Ore., and Pass Christian, Miss., engrs.

O., Columbus—June 10, by Comrs. Franklin Co., constructing 7 bridges and culverts on Cherry Bottom Rd., Mifflin Twp. and 6 in. Blendon Twp. $8,706; 8 culverts on Norton 3 Rd., Pleasant Twp., and 8 in. Prairie Twp. $2,963; 9 culverts on Roberts Rd., Jefferson Twp., $30,038. C. C. Lattimer, Court House, co. serv.

Indiana—May 26, by J. D. Williams, dir. State Hy. Comn., Indianapolis, **(r.c.a. means rein.-con. arch, r.c.g. rein.-con. girder, s.t. steel truss, and S. R. State Road)**, one 80 ft., r.c.a. on S. R. 37B, and three 45 ft. r.c.a. on S. R. 37C, Madison Co.; three 45 ft. r.c.a. on S. R. 37D, Delaware Co.; three 45 ft. r.c.a. on S. R. 11C, Madison Co.; one 28 ft. r.c.g. on S. R. 11E, Grant Co.; two 28 ft. r.c.g. and two 55 ft. s.t. on S. R. 34D, Wayne Co.; one 72 ft. s.t. on S. R. 10S, Benton Co., and one 65 ft. r.c.a. on S. R. 33D, Montgomery Co. W. J. Titus, Indianapolis, engr.

Ill., Peoria—See "Streets and Roads."

Wisconsin—See "Streets and Roads."

Wis., Milwaukee — See "Streets and Roads."

South Dakota—See "Streets and Roads."

Texas—May 30, by G. W. Courter, engr., Palo Pinto, repairing Dark Valley Bridge over Brazos River, 7 mi. North of Palo Pinto, and rein.-con., steel and timber bridge over Brazos River at Brazos, for Palo Pinto Co. (Palo Pinto). $28,000.

Tex., Anderson—See "Street sand Roads."

Tex., Anson—See "Streets and Roads."

Tex., Cameron—See "Streets and Roads."

Tex., Linden—See "Streets and Roads."

Tex., San Antonio—Taking bids 1 or 2 span 90 ft. rein.-con. and steel bridge over St. Marys and Crockett Sts. $33,000. Terrell Bartlett Engineers, 612 Calcasieu Bldg., engrs. Noted Mar. 26.

Ontario—See "Streets and Roads."

BIDS RECEIVED

New Hampshire — See "Streets and Roads."

Massachusetts—See "Streets and Roads."

Md., Westminster—State Roads Comn., Baltimore, two 50 ft. and one 56 ft. span rein.-con. arch bridge over Monocacy River, Contr. F-66, Frederick Co., from Poffenberger & Mause, Meyersville, $30,998 (not incl. removal of old bridge); from Concrete Steel Bridge Co., Clarksburg, W. Va., $31,346 (incl. removal of old bridge). Noted May 7.

North Carolina—State Hy. Comn., Raleigh, rein.-con. bridges and culverts on Project 105E, Beaufort Co., from Roanoke Iron & Bridge Wks., Roanoke, $32,413; on Project 235, Johnston Co., from J. L. Brinkley, Thomasville, $38,617; on Project 105C, from F. J. McGuire, Bankers Trust Bldg., Norfolk, Va., $28,621; on Project 283, Wayne Co., from Bowers & Bennett, Whiteville, $45,039. Noted Apr. 30.

Wis., Milwaukee — F. Schumaker, Supt. Park Bd., City Hall, May 11, superstructure of bridge and runways at Mason St. from H. Danischefsky, 1484 Humboldt Ave., rein.-con. design $307,725 and structural steel design $350,718. Noted Nov. 27.

CONTRACTS AWARDED

O., Dayton—G. F. Baker, dir. Pub. Serv. two 83 ft. and two 89 ft. open spandrel rein.-con. arches, etc., over Mad River, on Findlay St., to Miller-Taylor Co., Waterloo, Ia., $146,000. Engrs. est. $196,000. Noted Apr. 23.

Ia., Rockwell—Calhoun Co., 2 I-beam, 1 slab, and 3 pony truss bridges, to Lundgren-Reis Co., 65 College St., Des Moines, $25,000.

Missouri—State Hy. Dept., Jefferson City, to A. A. Davis & E. S. Wells, Grain Exch. Bldg., Oklahoma City, Okla., 45 ft. and 40 ft. rein.-con. deck girder span, etc., over stream, $6,879 and $11,711 respectively, 90 ft. steel truss span over Little Snibar Creek $19,695, all in Lafayette Co.; to M. E. Gillioz, Monett, two 20 ft. rein.-con. slab spans, over Tewas Branch $4,281, two 20 ft. rein.-con. slab spans over Coatney Branch $2,278, five 40 ft. rein.-con. deck girder spans, etc., over Little Niangua River $16,440, all in Dallas Co., three 24 ft. rein.-con. slab spans, etc., over Missouri & North Arkansas R.R. tracks, Barry Co., $7,411; to Independence Constr. Co., Pittsburg, Kan., three 20 and two 18 ft. rein.-con. slab spans, etc., over stream, Jasper Co., $8,947; to Stonner & Deering, Chamois, three 30 ft. rein.-con. deck girder spans, etc., over Schulte Creek, Gasconade Co. $6,257, one 30 ft. and one 25 ft. rein.-con. deck girder spans, etc., over Mississippi River and Bonne Terre R.R. tracks, Jefferson Co. $4,038, one 24 ft. and two 20 ft. rein.-con. slab spans, etc., on Sta. 834 plus 17, Jefferson City-St. Louis Rd., St. Francois Co. $4,221, four 40 ft. rein.-con. deck girder spans over Second Creek, Gasconade Co., $10,038; to Public Wks. Constr. Co., Century Bldg., St. Louis, 140 ft., 60 ft. and 50 ft. steel truss spans, etc., over Saline Creek $32,841, and one 130 ft. and two 60 ft. steel truss spans, etc., over Auxvasse Creek, $29,595, both in St. Genevieve Co.; to Summerfield Jones, Billings, two 70 ft. steel truss spans, etc., over Whitestone Branch, Wright Co., $15,697; to Richmond Constr. Co., Advance, 30 ft. rein.-con. deck girder span, etc., over Kochs Creek, Perry Co., $5,534; to Kelly & Underwood, Granby, 200 ft. steel truss spans over Spring River, Jasper Co., $37,881; to Pittsburg-Des Moines Steel Co., Tuttle and Southwest 10th Sts., Des Moines, Ia., 130 ft. steel truss span, etc., over Big Blue River, Jackson Co., $19,243; to A. G. Sherwood, Independence, Kan., 80 ft. steel truss span, etc., over White Oak Creek, Jasper Co. $14,388. Grand total $225,974. Noted Mar. 19.

Mo., St. Joseph—Bd. Pub. Wks., structure for 6th St. bridge, 1,566 yd. wood block paving, 1,382 yd. concrete, 45 tons reinforcing bars, 90,000 ft. creosoted sub-planking, 280 tons new structural steel, etc., to Kelly-Atkinson Constr. Co., Chicago, Ill., $63,000; approaches for same, to Land Constr. Co., Ballinger Bldg.; structural steel and reinforcing, St. Joseph Structural Steel Co., 9th and Atchison Sts. Engrs. est. $135,000.

Arkansas—State Hy. Dept., Little Rock, steel and concrete bridges on Arkansas-Missouri Highway, Pulaski Co., to Pioneer Constr. Co., New York Life Bldg., Kansas City, Mo., $27,406. Noted Mar. 19.

Tex., Jacksboro — See "Streets and Roads."

Tex., Karnes City — See "Streets and Roads.

Tex., Palestine—See "Streets and Roads."

Tex., Sinton—See "Streets and Roads."

Oklahoma—State Hy. Dept., Oklahoma City, 2 span 90 ft. steel truss bridge at Reeding, Kingfisher Co., to Gaines, Yokum & Machey, 519½ West Main St., Oklahoma City, $20,067, engrs. est. $25,000; 1 span 96 ft. steel truss bridge at Weleetka, Okfuskee Co., to Wilson & Bush, Weleetka, $22,816, engrs. est. $25,000; 2 span 185 ft. concrete bridge at Adair, Mayes Co., to Green-Beekman Co., 519 West Main St., $43,231, engrs. est. $45,000. Grand total $86,134. Noted Apr. 30.

Nev., Verdi—Directors Dept. Highways, Carson City, two concrete arch and one plate girder bridges on Federal Aid Project 73-B, Washoe Co., near here, to McClintic-Marshall Co., 426 South Spring St., Los Angeles, Calif., $52,571. Noted Apr. 16.

Wash., Lilliwaup — J. W. Hoover, state highway engr., Olympia, one 40 ft. and two 34 ft. span rein.-con. bridge on State Rd. 9, Olympic Highway, Mason Co., near here, to L. A. Farmer, Anacortes, $29,701.

Wash., Seattle—See "Streets and Roads."

Ore., Thurston—State Hy. Comn., Salem, concrete and steel bridge over McKenzie

Bridges (Continued)

River, Lane Co., here, to Union Bridge Co., Porter Bldg., Portland, $56,440.

Calif., Lompoc—Supervs. Santa Barbara Co. (Santa Barbara), bridge over Santa Ynez River, here, to Proctor & Cleghorn, Rosenburg Bldg., Santa Rosa, $90,424. Noted Apr. 30 under "Santa Barbara."

Calif., San Juan Capistrano—Orange Co. (Santa Ana), three 46 ft. and two 21 ft. rein.-con. span bridge on concrete piers and pile bents across San Juan Creek, near here, to Stevens Bros. & Haas, Lomita, $25,577. Engrs. est. $33,583.

Calif., San Onofre — State Hy. Comn., Sacramento, six 50 ft. span rein.-con. girder bridge, 30 ft., on concrete piers across San Onofre Creek, near here, to Fluor Constr. Co., 210 West 7th St., Los Angeles, $160,987.

Dams

PROPOSED WORK

Wis., Baraboo—G. McArthur & Son plan rein.-con. dam, new concrete flume and waterwheel. $25,000. Engineer not selected.

Wis., Burkhardt—Willow River Power Co., A. R. Schultz, Hudson, pres., plans rein.-con. dam and hydro-electric power plant, on Willow River. $50,000. Engineer not selected.

Tex., Mathis—See " Waterworks."

CONTRACTS AWARDED

Wis., Park Falls—Chippewa & Flambeau River Impvt. Co., E. P. Sherry, pres., 461 Jefferson St., Milwaukee, rein.-con. section and earth fill, rock excav., sluice gates, etc., for storage reservoir, to L. E. Myers Co., 53 West Jackson Blvd., Chicago, Ill. Engrs. est. $200,000. Noted Nov. 20.

Railways

PROPOSED WORK

Alabama—Southern R.R. Co., 1300 Pennsylvania Ave., Wash., D. C., plans about 7 mi. branch line to new asphalt plant, near Sheffield, here. B. Herman, ch. engr.

Ohio — F. B. Stein, 390 Babbitt Rd., Euclid, plans railroad siding, steel rails, wood ties and stone ballast, etc., in Euclid.

Excavation, Drainage, Irrigation, Levees

PROPOSED WORK

Tex., Brownsville — Cameron Co. plans election in July $1,400,000 bonds for flood control, incl. dams, levees, etc. O. C. Dancy, Brownsville, co. judge.

Tex., Cotulla—Cotulla Irrigation Project, W. A. Kerr, secy., election soon $5,000,000 bonds, rein.-con. earth and stone dam across Nueces River, canals, ditches, head gates, flood control and highway reconstruction. Nagle, Witt & Rollins, Court House, Dallas, engrs. Noted Jan. 1.

Tex., Mathis—See "Waterworks."

Tex., Sierra Blanca—Hudspeth Co. plans election $700,000 bonds for improvements and extensions Water Dist. 1. Engineer not selected.

Calif., Fallbrook — Fallbrook Irrigation Dist. plans election $125,000 bonds, irrigating 10,000 acres.

Calif., Santa Ana—Orange Co. plans election $1,250,000 bonds to develop harbor, constructing jetties, dredging, etc.

Calif., Whittier — California Domestic Water Co., 133 South Greenleaf Ave., made plans 3 mi. 6 x 6 ft. ditching for waterworks system. O. T. Sutton, supt.

Ont., Brampton—Plans overflow outlet for Etobicoke Creek. $253,000. W. H. Riehl, Town Hall, engr.

BIDS DESIRED

Mich., Saulte Ste. Marie—June 5, at office Edison Saulte Electric Co., 115 Ashmun St., deepening headrace of government power plant. T. Chandler, pres.; adv. E. N.-R. May 21.

Ontario — May 22, by S. E. O'Brien, secy. Dept. Pub. Wks., Ottawa, dredging at Owen Sound and Kincardine. $40,000.

CONTRACTS AWARDED

Conn., Hartford—City, 8 ft. rein.-con. conduit, excavating and grading for confined channel for Gully Brook, to T. L. Byrne, 86 Rogers St., $32,324; also 2nd section 150 ft. of 6 ft. and 700 ft. of 7 ft. concrete confined channel for Gully Brook, to O'Neil Bros., Preston St., about $28,800. Noted May 21.

N. Y., Buffalo—Dept. Pub. Wks., Municipal Bldg., dredging Buffalo Inner Harbor, to Great Lakes Dredge & Dock Co., Morgan Bldg., $0.4225 per cu.yd.

Wis., Milwaukee — Dept. Pub. Wks., dredging approximately 115,000 cu.yd. various river and canal channels, to Great Lakes Dredge & Dock Co., 216 West Water St., at $0.45 per cu.yd. Noted May 7.

Minn., St. James—C. Larsen, city clk., improving outlet of St. James Lake through city, 1,642 cu.yd. open ditch excav., 6,300 ft. 12- to 42-in. drain tile, etc., to Mickerson Cement Products Co., Albert Lee, $15,919. Noted Apr. 23.

Mo., East Prairie—St. James D. D., W. W. Bledsoe, secy., 494 acres clearing, 1,200,000 cu.yd. excav., 9 new steel, 4 new wooden and relocating 7 steel bridges, 1,750 ft. 48- to 54-in. conduit, to Midland Constr. Co., Paragould, Ark., $173,359. Noted Dec. 18 under "Charleston."

Calif., Tracy—Banta-Carbona Irrigation Dist., concrete road and railroad crossings, checks and turnouts for canal system, to H. C. Whittey, Sanger, $50,427. Noted Apr. 16.

Calif., Vista—Directors Vista Irrigation Dist., excavating and backfilling 475,000 ft. trench, to Stroud Bros. & Seabrook, Los Angeles, $91,846; concrete pipe for 90 mi. laterals, to Escondido Cement Products Co., Escondido, $133,722; riveted steel pipe for 90 mi. laterals to Baker Iron Wks., 912 North Bway., Los Angeles, $210,932. Noted Apr. 16.

Streets and Roads

PROPOSED WORK

New Jersey—Freeholders Hunterdon Co. (Flemington) plans cement paving 4.319 mi. road between Flemington and Ringoes. G. Davis, Whitehouse Sta., engr.

N. J., Gloucester—City Council plans asphalt resurfacing various streets. $686,000. J. C. Remington, 6th and Market Sts., Camden, engr.

N. J., Linden — Freeholders Union Co. (Elizabeth), plans improving 7,400 lin.ft. Raritan Rd., here. J. L. Bauer, Elizabeth, co. engr.

W. Va., Bridgeport—Voted $52,500 bonds, surfacing 1.5 mi. 3rd., Grant, Orchard and James Sts. N. D. Sutton, recdr. Noted Apr. 16.

W. Va., Huntington—Cabell Co. election soon $275,000 bonds, improving roads in Barboursville Dist. J. M. Oliver, Huntington, co. engr.

W. Va., Logan—Logan Co. voted $100,000 bonds, roads in Triandelphia Dist. J. N. Smith, Logan, engr.

W. Va., Morgantown — Monongalia Co. plans election $360,000 bonds, improving roads in Battelle Dist. A. J. Baritell, Morgantown, engr.

W. Va., Moundsville—L. L. Stidger, city clk., soon takes bids vitr. brick surfacing 8th and other streets. $40,000. J. J. Simmons, Moundsville, engr. Noted Apr. 9.

W. Va., Pt. Pleasant — Mason Co. voted $70,000 bonds, improving roads in Robinson Dist. D. B. Buxton, co. clk.

North Carolina—State Hy. Comn., Raleigh, plans grading and concrete or asphaltic paving, etc. 12 mi. Project 127, Edgecombe Co. $360,000, 7.6 mi. Project 246, Jones Co. $114,000, 7 mi. Project 475, Vance Co. $210,000, 2.9 mi. Project 786, Wilkes Co. $90,000, 5 mi. Project 831, Henderson Co. $150,000, 2.9 mi. Project 906C, Buncombe Co. $120,000, 11.8 mi. Project 817, Burke Co. $354,000; grading and sand asphalt paving, etc. 5 mi. Project 376, Pender Co. $106,000, Project 310, Brunswick Co. $100,000, 9.8 mi. Project 548, Hoke Co. $196,000; clearing, grubbing, grading and small rein.-con. structures, etc. on 12 mi. Project 241, Johnston Co. $84,000, 14.4 mi. Project 349, Cumberland Co. $100,000, 10 mi. Project 564, Moore Co. $70,000, 4 mi. Project 618, Catarrus Co. $28,000, 5 mi. Project 558, Montgomery Co. $33,000, 5 mi. Project 565, Moore Co. $45,000, 16 mi. Project 240, Johnston Co. $112,000, 6 mi. Project 574, Moore Co. $40,000; clearing, grubbing, grading, etc. 5.2 mi. Project 818, Burke Co., $35,000; clearing, grubbing, grading and top soiling 18.2 mi. Project 405, Chatham Co. $125,000, 9 mi. Project 755, Stokes Co. $65,000, and 4.2 mi. Project 805, Avery Co. $30,000. C. M. Upham, ch. engr.

N. C., Halifax—Bd. Comrs. Halifax Co. voted $1,500,000 bonds, hardsurfacing various roads. G. L. Hayes, Rosemary, chn.

Fla., Ft. Lauderdale—Browan Co., election May 19, $1,500,000 bonds constructing various roads. J. F. Carlton, Ft. Lauderdale, engr.

Fla., Haines City—Election June 5, $50,000 bonds improving various streets. E. C. Bryan, mayor.

Fla., Tampa—Plans 2½ in. asphalt block paving and granite curbing South Albany St. and portions of Palm and Manie Sts., from Plymouth to Buffalo Sts., $39,428, and Manie St. from Palm to Park Sts., and Jackson St. from Water to Jefferson Sts., $29,805; regrading and paving 7th Ave., $40,003. R. D. Martin, City Hall, engr.

Miss., Ackerman — Choctaw Co. making preliminary plans grading, bridging and gravel surfacing 4 roads. $371,000 bonds voted.

Miss., Corinth—Alcorn Co. voted $150,000 bonds, improving various roads.

Miss., Hattiesburg — Forest Co. voted $150,000 bonds for improving roads in Dist. 1.

Miss., Waynesboro — Wayne Co. voted $100,000 bonds, improving Waynesboro-Laurel Rd. in Woodward-Mount Pleasant Dist.

La., Plaquemine—Iberville Co. voted $25,000 bonds, gravel surfacing Rd. Dist. 2, between here and Burtville.

Tennessee—State Dept. Hys. & Pub. Wks., Nashville, soon takes bids gravel surfacing 4.5 mi. Hornbeak-Lake Co. line Rd., 16 ft., Obion Co. J. G. Creveling, highway comr.

Tenn., Brownsville—Plans election $85,000 bonds, paving various streets.

Tenn., Chattanooga — Hamlin Co. and State Dept. Hys. & Pub. Wks., Nashville, making surveys improving 1.5 mi. highway from Market St. to tunnel J. G. Creveling, highway comr.

Tenn., Union City — Obion Co. defeated $1,000,000 bonds, hardsurfacing various roads. Noted Mar. 16.

Ky., Falmouth—Pendleton Co. plans improving various roads. $150,000 bonds sold.

O., Akron—W. F. Peters, dir. Pub. Serv., soon takes bids grading, curbing, sidewalks and vitr. brick paving 6,000 sq.yd. Dayton St. $41,500. E. A. Kemmler, Delaware Bldg., engr.

O., Canton—Bd. Control plans improving Gertrude Pl. $25,000. G. F. Turner, Youngstown, engr.

O., Cincinnati—Hamilton Co. plans 10 in. tar bound macadam, resurfacing, etc. 31,200 sq.yd. Given Rd. $57,787, 14,200 sq.yd. Enyart Rd. $26,723, and 16,500 sq.yd. Brower Rd. $30,468; rein.-con. paving, etc. 18,320 sq.yd. Camargo Rd. $122,098, and 46,250 sq.yd. Dugan Gap and Brower Rds. $219,904. E. A. Gast, Court House, engr.

O., Cleveland—City Allotment Co., M. A. Elconin, mgr., Swetland Bldg., making plans allotment improvements, incl. sidewalks, sewer and watermains; grading, to Sthroman & Kidder, The Arcade. Total est. $70,000. C. W. Courtney, 1770 East 11th St., engr.

O., Cleveland—H. A. Kangesser Co., 2920 Prospect Ave., takes bids in summer allotment improvements, incl. grading, laying sidewalks, sewer connections, watermains and paving. $150,000. C. W. Root, Society for Savings Bldg., engr.

O., Cleveland—Knickerbocker Land Co., W. R. Parmele, pres., Bulkley Bldg., making surveys allotment improvements, incl. grading, laying sidewalks, sewer connections and watermains. $100,000. M. T. Jones Eng. Co., Hanna Bldg., engr.

O., Columbus — Making plans grading, laying necessary water services and sewer connections and paving 657 ft. alley West of Summit St., 15 ft., brick $4,221, concrete 3,752; 7,730 ft. Wagner St., Westmoor, Noonday, Townsend, New, Roys and Oakland Aves., 24 ft., asphalt $132,984, brick $150,148; 1,019 ft. McAllister and alley north Wilber Aves., 20 ft., asphalt $4,803, brick $8,879, and concrete $7,858; 881 ft. alley North Patterson Ave., 16 ft., bric $6,208, concrete $5,521; 492 ft. alley West Ebner St., 17.5 ft., brick $3,061, concrete $2,709. R. H. Simpson, city engr.

O., Columbus — Making plans grading, laying necessary water mains and sewer connections and paving with (a) asphalt (b) brick and (c) concrete; 1,388 ft., Ludlow St. 33 ft. (b) $23,750; 2,085 ft. Front St. 52.5 ft. (a) $43,154; 508.5 ft. alley west Hawkes Ave., 16 ft. (b) $3,528 (c) $3,138; 279 ft. Souder Ave., 26 ft., (a) $3,771 (b) $4,926; 2,188 ft. Briarwood Ave., 24 ft. (a) $28,942 (b) $37,526; 465 ft. alley north Mt. Vernon Ave., 16 ft. (b) $3,483 (c) $3,108; 938 ft. Berwyn Ave., 24 ft. (a) $14,745 (b) $17,379; 554 ft. alley north 8th Ave., 22 ft. (b) $5,576 (c) $4,956; 337.5 ft. Wall St., 20 ft. (b) $2,803 (c) $2,497; 1,485 ft. Frambes Ave., 28 ft. (a) $9,675. R. H. Simpson, city engr.

O., Dayton — Plans vitr. brick paving 1,800 ft. 1st Ave., $72,313; brick or granite durax block repaving, etc., 5th St., $51,688. J. H. Hale, city engr.

O., Garfield Heights (Cleveland P. O.)—Village and Cuyahoga Co. (Cleveland) making preliminary plans widening Bway. and Winfall Rd. 24, and paving 4 mi. Turney Rd. $800,000. F. Lander, Court House, engr.

O., Mansfield—Plans improving Glessner Ave., 10,400 sq.yd. paving, 6,300 lin.ft.

Streets and Roads (Continued)

curbing and guttering, and 11,590 sq.yd. grading. H. C. Lynch, dir. Pub. Serv. Safety.

O., Massillon — City Bd. Control soon takes bids improving Cherry, Mill and Plum Sts. $35,000. C. E. Rice, city engr.

O., Steubenville—Jefferson Co. plans improving 4 mi. Steubenville-East Liverpool Rd., 16 ft., $125,000; waterbound macadam paving Steubenville-Canton Rd., $550,000; concrete or asphalt paving 1.5 mi. Stanton Park Rd., $33,000.

O., Youngstown — City plans improving and widening Watt St. from Front to Federal Sts., and Watt St. from Federal to Wood Sts. $979,730. G. F. Turner, Youngstown, engr.

O., Youngstown—Bd. Control soon takes bids brick paving Rush Rd., $35,000-$40,000; asphalt paving Schenley Ave. $40,000, and Thompson St. $35,000; improving and repairing Wilson Ave., $40,000-$50,000; improving Stratmore St. $50,000, Oakwood Ave. $35,000, Hylda St. $30,000, and Andrews Ave. $1,000,000. G. F. Turner, Youngstown, engr. Noted Dec. 11, 18th and Jan. 1.

Michigan — State Hy. Dept. at office Comrs. Ingham Co., Mason, takes bids about June 13, concrete paving 0.871 mi. Federal Aid Project 146 A.

Mich., Wyandotte—Plans concrete paving 30,000 sq.yd. 2nd St. $7,103, Vine St. $28,008, Orchard St. $7,564, Elm St. $24,748, 6th St. $14,412, 1st St. $4,983. M. L. Brown & Son, Capitol Bldg., Detroit, engrs.

Ill., Astoria—City Clerk takes bids about June 1, grading, curbing and concrete surfacing 2 mi. Hway. and Main St., 30 ft., $67,000. W. A. Fuller Co., 1917 Railway Exch. Bldg., St. Louis, Mo., engrs.

Ill., Blue Island — Making preliminary plans grading, curbing and hardsurfacing various streets. $400,000. A. L. Fox, 160 North La Salle St., Chicago, engr.

Ill., Chicago—Evanston, Wilmette, Kenilworth, Winnetka and Glencoe Twps. making plans improving Trunk Highway from Evanston to Glencoe. $250,000. C. Roberts, 105 North Clark St., Chicago, engr.

Ill., East St. Louis—Making preliminary plans grading, curbing and hardsurfacing St. Louis Ave. from 29th St. to Belt Railroad. $27,000. W. McK. Brown, City Hall, engr.

Ill., Geneva—Made plans grading, curbing and rein.-con. surfacing 2,146 sq.yd. Logan Ave. $25,000. Wells Eng. Co., Court House, engrs.

Ill., McHenry — Making plans grading, curbing and rein.-con. surfacing 6,842 sq.yd. Elm St. $35,000. Wells Eng. Co., Court House, Geneva, engrs.

Ill., Nason — Making preliminary plans grading and concrete surfacing sidewalks on various streets. $55,000.

Ia., Bedford—Making preliminary plans grading, curbing and hardsurfacing 49 blocks various streets.

Ia., Maquoketa — Making plans paving, etc., 41 blocks various streets. $125,000. J. G. Thorne, Clinton, engr.

Ia., Sioux City—Plans paving 3rd Ave., Myrtle and West 19th Sts. $26,497. L. N. Hintgen, city engr.

Ia., Stanton — Plans improving various streets, 30,000 sq.yd. paving, 19,000 lin.ft. curb and gutter, 2,500 ft. storm sewers and 10,000 lb. reinforcing. De Lay & De Voe, Creston, civil engrs.

Minn., St. Paul—G. J. Ries, aud. Ramsey Co., returned bids unopened May 4, improving 3 mi. County Project 25-52 between west end of Prescott Bridge and Trunk Highway 3, 34,907 sq.yd. one course concrete paving, 17,064 sq.yd. earth shoulders, 15,679 ft. curb, etc. $100,000. Work postponed for this year. Noted Apr. 30.

Minn., Wheaton—Plans paving approximately 18,000 sq.yd. various streets. $45,000. Siverts & Nelson, 300 Builders Exch., Minneapolis, engrs.

Kan., Garden City—Finney Co. takes bids in July grading, sand clay surfacing, etc. 48,000 cu.yd. Federal Aid Project 248-A, B and C. R. L. Allen, Court House, engr. Noted Jan. 15.

Kan., Holton—Making preliminary plans grading, curbing and concrete surfacing 8 blocks 2nd, 6th, 7th and 9th Sts.

Kan., Mayfield — Making plans various streets. $600,000. Black & Veatch, 701 Mutual Bldg., Kansas City, Mo., engrs.

Kan., Wellington — Sumner Co. making preliminary plans grading, etc. 12.5 mi. Coal Oil Highway from Harper Co. to Chisholm Trail. J. H. Marty, Wellington, engr.

Nebraska — State Hy. Comn., Lincoln, making preliminary plans grading, bridging, etc. 14 mi. road from Ewing northwest to Page, Holt Co. R. L. Cochrane, highway engr.

Nebraska — State Hy. Comn., Lincoln, making preliminary plans grading, etc., 9 mi. road between Ainsworth and Meadville, 28 ft. R. L. Cochrane, highway engr.

Neb., Fremont — Making preliminary plans grading, curbing, hardsurfacing, etc. 11 mi. various streets. L. M. Roessler, City Hall, engr.

Neb., Papillion—Sarpy Co. plans grading and gravel surfacing main roads in Bellvue Precinct. $50,000.

Neb., Springview—Keyapaha Co. making preliminary plans grading, etc., 18 mi. earth road between Springview and Norden.

Neb., Wilber—Plans improving 25 blocks in Business Dist. and Blue Valley Dr. $90,000. Prince & Reynolds, Grain Exch. Bldg., Omaha, engrs.

Mo., Caruthersville—Making preliminary plans grading, curbing and concrete paving 24 blocks East and West 5th, Bushey, East 6th, East 12th, West 8th, West 4th and Laurent Sts.

Mo., Clayton—St. Louis Co. defeated $5,000,000 bonds hardsurfacing various roads. R. Jablonsky, Court House, engr. Noted Mar. 12.

Mo., Louisiana—Voted $16,000 bonds paving portions of Georgia St.; also made plans grading, curbing and hard-surfacing various other streets, approximately $75,000.

Mo., St. Louis — Bd. Pub. Serv. made plans grading, curbing, paving, etc., with (a) asphaltic cement (b) Willite (c) Warrenite (d) granite block (e) brick (f) asphaltic concrete (g) asphalt (h) concrete, West Pine St. (a and c) $238,800 each (b) $247,000; East Virginia St. (d) $28,230 (e) $22,790 Gustine St. (f) $20,900, (g) $21,600 (b) $22,200; North and South Utah Sts. (f) $50,700 (c) $54,000 (g) $55,200 (b) $57,800; Utah St. (f) $8,610 (b) and (g) $9,150 each (b) $9,600, Alfred St. (h) $14,800 (e) $16,800 (c) $14,000 (f) $13,600 (g) $14,200 (b) $14,600; Dale St. (h) $44,200 (g) $46,600 (c) $46,400 (b) $47,900 (f) $44,700 (e) $53,000; Humphrey St. between Grand and Gustine Sts. (g) $30,600 (c) $30,500 (f) $28,700 (b) $32,100, Humphrey St. between Gustine and Russell Sts. (f) $10,500 (c) $11,000 (b) $11,600 (g) $11,200, Humphrey St. between Russell and Oak Hill Sts. (f) $7,300 (c) $7,890 (b) $8,950 (g) $8,500; Russell Pl. (b) $41,400 (c) $39,500 (g) $39,400 (f) $36,900, Hi Pointe Pl. (g) $6,000 (b) $6,200 (h) $6,050 (f) $5,800 (c) $6,000; widening, etc. Del Mar Blvd. between Taylor St. and Kingshighway, $21,200. W. W. Horner, 300 City Hall, engr.

Mo., St. Louis—Bd. Pub. Wks., **(C. B. means City Block)** soon takes bids concrete paving alleys in C. B. 2568, C. B. 2817, C. B. 2884, C. B. 2885, C. B. 2928, C. B. 2971, C. B. 3070, C. B., 3996, C. B. 4154, C. B. 4571, C. B. 5011, C. B. 5012, C. B. 5292, C. B. 5296, C. B. 5318, C. B. 5558, C. B. 5571, C. B. 5570 and C. B. 5640, $68,507; Willite paving 25,000 sq.yd. Magnolia St., $190,000; granite curbing and Willite paving 12,180 sq.yd. Euclid Ave., $71,000; recut granite block and torpedo gravel surfacing Easton St. between Marcus St. and Kingshighway, $1,000; concrete curbing and asphaltic concrete surfacing 3,240 sq.yd. Mississippi St., $21,000; granite curbing and brick on concrete paving 1,840 sq.yd. Lexington Ave., $13,900. W. W. Horner, 300 City Hall, engr.

Ark., Harrison — Making preliminary plans grading 7 blocks various streets, 60 ft. $45,000. Engineer not selected.

Ark., Helena — Phillips Co. having preliminary plans prepared grading, gravel surfacing, etc. 6 mi. Walnut Corner-Lee County Line Rd., 18 ft. R. C. Limerick, c/o Highway Dept., Little Rock, engr.

Tex., Anson — Jones Co. making plans grading, bridging, etc. 15.4 mi. Stamford-Shackleford-Albany Rd., Highway 18, $74,500; 11.5 mi. Stamford-Abilene Rd., $34,000; and 20 mi. Stamford-Hamlin Rd., State Highway 93, $41,050. J. W. Puckett, Stamford, engr.

Tex., Barstow — Ward Co. soon takes bids macadam and caliche surfacing 11.13 mi. State Highway 1, Federal Aid Project 391-C, 18 ft. $157,500. S. S. Posey, Pecos, engr. Noted Mar. 2.

Tex., Bellville—Austin Co. election soon $475,000 bonds for road work in Sealy Dist. C. D. Duncan, Bellville, judge. Engineer not announced.

Tex., Bellville—Austin Co. making plans grading, bridging, etc. 16.9 mi. State Highway 36, in Bellville Rd. Dist. $120,000. H. Schrocter, Bellville, engr.

Tex., Conroe — Montgomery Co. plans grading, bridging and gravel surfacing 6.5 mi. State Highway 19, 16 ft. $57,000. R. H. Spiller, Conroe, engr.

Tex., Galveston—Trinity Co. voted $1,500,000 bonds of which $439,000 for refunding bonds and $1,061,000 for hard surfacing 58 mi. various roads. J. J. Berry, Groveton, co. engr.

Tex., Gonzales — Gonzales Co. making plans grading and bridging 8.08 mi. State Highway 81, Federal Aid Project 440-D, 18 ft. $70,000. J. G. Irby, Gonzales, engr.

Tex., Madisonville—Madison Co. making plans grading, bridging, etc. 6.25 mi. State Highway 21, 26 ft. $44,500. A. McCormick, Madisonville, co. engr.

Tex., Richmond—Fort Bend Co. c/o W. J. Farlane, judge, election May 30, $225,000 bonds, road work in Rosenberg Dist.; $60,000 bonds for Tavener Dist. and $150,000 bonds for Beasley Dist. C. H. Kendall, Sugarland, engr.

Tex., Richmond—Election soon $25,000 bonds, paving 10 or 12 blocks various streets. Engineer not announced.

Tex., Tahoka — Lynn Co. election soon $500,000 bonds for roads. C. H. Cain, Tahoka co. judge. Engineer not selected.

Tex., Van Horn — Culbersen Co. making plans grading, bridging and gravel surfacing 80 mi. State Highway 54, 16 ft. $100,000. A. D. Hutchinson, Van Horn, co. engr.

Oklahoma — State Hy. Dept., Oklahoma City, making surveys grading and concrete surfacing 56 mi. Postal Highway, 30 ft., Beckham Co. $600,000. J. M. Page, highway engr.

Oklahoma — State Hy. Dept., Oklahoma City, making preliminary plans amiesite resurfacing 26,300 sq.yd. Jefferson Highway, Muskogee Co., $25,000; grading and concrete surfacing 42,300 sq.yd. Postal Highway from Yukon to Lakeside Rd., Canadian Co., $115,000. J. M. Page, highway engr.

Okla., Ada — Making preliminary plans grading, curbing and concrete surfacing 10,600 sq.yd. South Bway. $35,000. Engineer not selected.

Okla., Covington—Making plans grading and concrete surfacing 14,000 sq.yd. C and 4th Sts. $45,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., Cordell—Plans grading and paving 16 blocks Valentine, Mission, 2nd and 4th Sts., Dist. 3, 26 and 60 ft. $65,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., Sulphur — Rejected bids Apr. 29, gravel surfacing 42,310 sq.yd. roads in Platt Natl. Park. $42,000. Noted Apr. 27.

Okla., Waurika — Jefferson Co. election soon $700,000 bonds grading and surfacing 42 mi. Meridian Highway, 30 ft. Work will be supervised by State Hy. Dept., Oklahoma City. J. M. Page, highway engr.

Wash., Longview — City Council made plans and takes bids about May 27, improving 7 mi. Highlands Addition 1, 57,157 lin. ft. curbing, 237,687 lin.ft. concrete sidewalks, 41,533 sq.yd. 5 in. and 83,328 sq.yd. 6 in. concrete paving, etc. $457,512. T. H. Davis, Longview, engr.

Wash., Tacoma—Making plans 74 ft. fill and 20 ft. pavement on Front St. from North Starr to Dock St. incl. bulkhead, riprapping on water side. $414,056. J. C. Manley engr. Noted Feb. 26.

Wash., Tacoma—City Comn. takes bids about June 27, paving McKinley Ave. et al. $38,870. W. M. Bosworth, city engr. Noted Oct. 30.

Wash., Yakima—Made plans and soon takes bids concrete paving South 14th and 15th Aves., 28 ft. $31,781. C. F. Wilson, city engr.

Calif., Arcadia—Made plans curbing and oil macadam paving 15,000 sq.ft. 4th Ave., 122,000 sq.ft. Fairview Ave., and 40,000 sq.ft. Huntington Dr. Noted July 24.

Calif., Bakersfield—City had plans made Warrenite bitulithic paving on asphalt concrete 154,948 sq.ft. Chester Lane, et al. To exceed $30,000. W. D. Clarke, city engr.

Calif., Corning—Plans improving Solano St., 164,448 sq.ft. grading, 115,947 sq.ft. 6 in. concrete paving, etc. W. F. Lunning, Courthouse, Red Bluff, engr.

Calif., El Centro—City had plans prepared paving Main, Imperial Lenrey Sts. $41,500 available. J. A. Schofield, city clk.

Calif., Glendora—Plans paving, curbing, walks, etc., in various streets. $45,000-$50,000. A. E. DeMott, city engr.

Calif., Marysville—Plans paving Brown's Grade and 12th St. to city limits. To exceed $40,000. L. B. Crook, city engr.

Calif., Mayfield — Made plans concrete curbing and concrete paving 233,000 sq.ft. Bowdoin, Columbia and Hanover Sts., etc.; 5 in. vibrolithic concrete paving, etc., approximately 63,000 sq.ft. various streets, to exceed $25,000. C. Moser, 651 Homer Ave., Palo Alto, engr.

Calif., Pomona—Plans 6 in. concrete paving, curbing, guttering 113,537 sq.ft. portion of Palomar St. F. C. Froedhe, city engr.

Calif., Redondo Beach — Plans grading 2,035 lin.ft. and roads and oil paving 96,268 sq.ft. Garnett St. V. H. Staheli, city engr.

Calif., Redwood City—Had plans prepared vibrolithic concrete paving 197,000 sq.ft. El Camino Real from Finger Ave. to City limits. C. L. Dimmitt, city engr.

Calif., San Diego—Common Council plans improving N. St., 12,570 lin.ft. cement curbing, 1,795 sq.yd. cement sidewalk, 19,235

Streets and Roads (Continued)

cu.yd. earth excav., 5,642 cu.yd. embankment. $25,000. F. A. Rhodes, city engr.

Calif., San Diego—Common Council plans improving 4th St. from A to K Sts., 207,683 sq.ft. 2 in. sheet asphalt and 1 in. binder course, 1,596 sq.ft. concrete sidewalk, etc. F. A. Rhodes, city engr.

Calif., San Francisco — City and San Francisco Co., made plans improving Pulgas road near Redwood City, San Mateo Co., for Tuberculosis Preventorium. $76,000. M. M. O'Shaughnessy, engr.

Calif., San Leandro — Plans repairing Washington Ave. and widening and paving East 14th St. $175,000. F. Nikirk, city engr.

Ont., Arthur—Council, R. H. Irvine, chn. com., plans concrete paving George and Smith Sts. $38,000.

Ont., Chatham—Council Kent Co. takes bids end of May 4 mi. concrete highway, 2¾ mi. north of Charing Cross, and 1¼ mi. in Camden Twp. $200,000. A. Colby, County Bldgs., engr.

Ont., Fergus—Plans cement paving St. Andrew, St. David and Tower Sts. $45,000. G. G. Reid, town engr.

Ont., Harriston — Plans cement paving Main St. $35,000. Prices wanted on materials. F. B. James, Walkerton, engr.

Ont., Ridgetown—Takes bids about June 15 ,cement paving Main St. $40,000. E. D. Colby, Harrison Hall, Chatham, engr.

Ont., Windsor — Plans cement paving Wellington St., incl. moving street railway tracks from side to center of street. $40,-000. A. Brian, city engr.

BIDS DESIRED

New York—June 1, at office F. L. Merritt, clk. Bd. Supervs. Westchester Co., Court House, White Plains, rein.-con. paving 1.66 mi. Lexington Ave. and Main St. cut off in Mt. Kiscoe, County Rds. 22 and 23; 2.69 mi. Knollwood Rd., in Greenburgh, Co. Rd. 28; 0.37 mi. Virginia Rd. in Mt. Pleasant and Greenburgh, Co. Rd. 35; adv. E. N.-R May 21

N. Y., Catskill—May 25, by E. C. Sandt, pres. Bd. Village Trustees, improving 0.208 mi. Division St.; adv. E. N.-R. May 21.

N. Y., Long Island City—May 25, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., grading, curbing, sidewalks, etc., on Bway., Pulaski, Speer, Beach 90th and Beach 91st Sts., 44th Ave. (Alexis St.); grading, curbing, sidewalks and sheet asphalt paving Delta Pl., Folsom Ave., Speer and Pulaski Sts.

N. Y., New York—May 27, by J. Miller, pres. Manhattan Boro, Municipal Bldg., widening and sheet asphalt repaving 32nd St.; sheet asphalt repaving 135th St.; and granite block repaving Canal St.

N. Y., Poughkeepsie—May 28, by Bd. Pub. Wks., Eastman Park Mansion, paving 6 streets and avenues, also storm sewer in Dutchess Ave. T. E. Lawlor, supt.; adv. E. N.-R. May 21.

N. Y., St. George — May 26, by J. A. Lynch, pres. Richmond Boro, Boro Hall, bituminous concrete repaving Richmond Rd.

New Jersey — May 28, by Freeholders Middlesex Co., (New Brunswick), asphalt paving 7,100 sq.yd. Woodbridge-Iselin-Oak Tree Rd. between Woodbridge and Iselin. W. F. Buchanan, New Brunswick, acting engr.

New Jersey—June 1, by State Hy. Dept., Trenton. rein.-con. paving Route 5, Sects. 11 and 8A, Warren Co., and Route 20, Sect. 3, Gloucester Co. A. L. Grover, secy.; adv. E. N.-R. May 21.

N. J., Ocean Grove—June 3, by Bd. Freeholders Monmouth Co., (Freehold), rein.-con. or sheet asphalt paving Bond St. G. K. Allen, Jr., 60 Broad St., Red Bank, co. engr.; adv. E. N.-R. May 21.

Pa., Juniata—June 5, by Boro Council, W. H. Baird, secy., rein.-con. paving 2,000 sq.yd. 7th St., and 1,300 sq.yd. 13th Ave.; vitr. brick paving 2,000 sq.yd. 14th Ave. D. W. Dillman, 91 Altoona Trust Bldg., Altoona, engr. Noted Sept. 11.

Pa., Phila.—June 17, by Delaware River Bridge Joint Comn., Widener Bldg., Phila., concrete slabs and paving for roadway and footwalks of bridge over Delaware River connecting Phila. and Camden, Contr. 21 B; also for Phila. approach between 5th and 6th Sts., etc. G. Pinchot, chn.; adv. E. N.-R. May 21.

Pa., Rankin—May 25, by Boro Secretary, Municipal Bldg., brick paving about 10,900 sq.yd. Harriet and Hawkins Sts., 2nd, 5th and Miller Aves. U. G. Duvall, Municipal Bldg., boro engr.

Virginia — June 4, at office State Hy. Dept., Richmond, improving roads in Route 23, Project F-355-A, Giles Co.; Route 12, Project F-397, and Route 31, Project F-398, both Mecklenburg Co., Route 12, Project F-401, Southampton Co.; Route 37, Project F-402, Lancaster Co. C. S. Mullen, ch. engr.; adv. E. N.-R. May 21.

Georgia — May 29, by State Hy. Dept., East Point, **(F. A. P. means Federal Aid Project)**, surface treating, etc., 65,150 sq.yd. Cleveland-Murphy Rd., F. A. P. 111-B and 290, Union Co., 93,870 sq.yd. Waycross-Jacksonville Rd., F. A. P. 77, Charlton Co.; 102,096 gal. asphalt binder on 4.532 mi. Athens-Bothart Rd., F. A. P. 400, Clarke Co.; gravel surfacing 27,771 cu.yd. Valdosta-Quitman Rd., F. A. P. 397, Loundes Co.; top soil surfacing, clearing, grubbing, etc., 9.035 mi. Atlanta-Conyers-Covington Rd., F. A. P. 407-A, Rockdale Co.; and clearing, grubbing, macadam surfacing, etc., 3.77 mi. Ellijar-Jasper Rd., F. A. P. 392-B, Gilmer Co. W. R. Neel, highway engr.

Fla., Murry Hill—May 29, by Town Council, H. R. Capps, pres., grading and paving 4 mi. various streets. G. B. Hill, Barnett Bldg., Jacksonville, engr.

Fla., Tampa—May 29, by W. A. Dickenson, clk. Hillsborough Co., 2 in. Filbertine paving portion Manhattan Ave., and 2½ in. asphalt block paving portion 2nd Ave., $30,-000; paving 11,000 sq.yd. Streets 1 to 5 (inclusive) $30,000, 11,000 sq.yd. Streets 6 to 11 (inclusive) $30,000, and 36,000 yd. Street 12 $100,000.

Alabama—June 3, by State Hy. Comn., Montgomery, grading, clearing, grubbing, etc., 10 mi. Carrollton-Aliceville Rd., State Project 70, Pickens Co.; 20.74 mi. Dothan-Hartford Rd., State Project 10, Houston and Geneva Counties; 13.88 mi. Sulligent-Guin Rd., State Project 20, Lamar Co.; 6.5 mi. Union Spring-Ft. Davis Rd., State Project 67, Bullock Co. W. S. Keller, highway engr.

Kentucky—June 8, by State Hy. Dept., Frankfort, grading, etc. 6.997 mi. Bardwell-Hickman Rd., Federal Aid Project 131-B, and 4.82 mi. Bardwell-Ballard Co. line Rd., Federal Aid Project 131-C, both Carlisle Co., also 5.747 mi. Fulton-Hickman Rd., Federal Aid Project 130-B, Fulton Co., all 26 and 30 ft. E. N. Todd, highway engr.

O., Bexley (Columbus P. O.) — May 22, by S. W. Roderick, village clk., grading, brick, asphalt or concrete paving 12,960 ft. Brentwood, Cassingham and Remington Rds., Meadow Park, Montrose, Roche, and Vernon Aves., 24 ft. $210,900.

O., Cleveland—May 27, by City, paving Bucyrus Ave. S. W., Chatfield Ave. S. W., Coath Ave. S. E., Seymour Ave. S. W., Gay Ave. S. E., Woburn Ave S. W., Waldo Rd. N. E., Woburn Ave. S. W., Oxford Ave. N. W., Brooklyn; Dell and Darthmouth Aves., Melbourn, West 159th, East 30th, 40th, 59th and 138th Sts. To exceed $250,-000. R. Hoffman, City Hall, engr.

O., New Philadelphia—May 24, by Comrs. Tuscarawas Co., asphalt on concrete paving North Bway. $30,000. E. Stingel, New Philadelphia, engr.

Wisconsin—May 28, by C. R. Weymouth, div. engr. at Office 444 Milwaukee St., Milwaukee, concrete surfacing, etc., 58,718 sq. yd. Richfield-Ackerville Rd., Washington Co. J. T. Donaghey, Madison, highway engr.

Wisconsin—May 29, by State Hy. Comn., at Div. Office 9, Teller Bldg., Lancaster, grading, guttering and crushed gravel surfacing, etc., 7,235 cu.yd. Spring Green-Wauzeka-Prairie du Chien Rd., Federal Aid Project 416-A, Crawford Co., incl. Peck St. Bridge on Sta. 195 plus 18.5, 67,000 lbs. structural steel, 23,000 lbs. cast steel, etc.; also several bridges over 6 ft. to 20 ft. span, on Middleton-Mazomanie-Spring Green Rd., Federal Aid Project 410-A, Iowa Co., 79,000 lbs. structural steel, etc. J. T. Donaghey, Madison, highway engr.

Wis., Fond du Lac—May 27, by G. Trelevan, comr. Fond du Lac Co., grading, etc., 46,100 cu.yd. New Cassell-Dundee Rd.; grading and concrete surfacing, etc., 7,950 sq.yd. Marytown-St. Cloud Rd. in St. Cloud Village; and 32,900 sq.yd. New Cassell-Campbellsport Rd. in Campbellsport. J. T. Donaghey, Madison, state highway engr.

Wis., Milwaukee — May 25, by W. J. Cary, clk. Milwaukee Co., grading, concrete paving, etc., 20,300 sq.yd. 8th Ave. No. 4, and 21,300 sq.yd. Wauwatosa Ave. No. 4; grading, bridging and concrete paving, etc., 10,300 sq.yd. Lovers Lane Rd., 8,200 sq.yd. 77th Ave. No. 3 and 26,500 sq.yd. Wauwatosa Ave. No. 2.

Wis., Milwaukee—May 26, by Dept. Pub. Wks., grading, etc., grounds at Riverside pumping station. $60,000. J. Schwada, city engr.

Wis., Milwaukee—May 27, by Dept. Pub. Wks., asphalt and concrete paving 7 blocks and 8 alleys. J. Schwada, city engr.

Ia., Cedar Rapids — May 25, by L. J. Storey, city clk., concrete surfacing 4,688 sq.yd. 11th St. W. and Hinkey Ave.; brick block surfacing 2,410 sq.yd. 2nd St. W. and 7th Ave., and 2,730 sq.yd. 1st St. W. $30,-000. T. F. McCauley, city engr. Noted May 7.

Ia., Council Bluffs—May 29, by W. A. Groneweg, city clk., grading, curbing, brick, rein.-con., concrete or asphalt, surfacing, etc. 24,000 sq.yd. 5th 8th, Helen, Jim, Washington, South 11th, South 10th, 21st, 16th, South 7th, 26th, North 10th, 27th, Oak Sts., etc., Avenue 1 and Avenue C. $150,000. J. H. Wayne, city engr. Noted Apr. 9.

Ia., Davenport—May 28, by F. A. Haass, city clk., improving various streets, 26,833 sq.yd. bitulithic paving, 18,181 ft. curb and gutter, 5,138 sq.yd. rein.-con., 2½ in. or 3 in. brick, and 3,432 ft. curb and gutter, etc. Noted Apr. 9.

Ia., Remsen—May 26, by A. Paschke, city clk., grading, curbing, guttering and concrete, brick, vibrolithic or bitulithic surfacing 38,000 sq.yd. various streets. Henningson Eng. Co., Natl. Bldg., Omaha, Neb., engrs. Noted Nov. 6.

Nebraska — May 28, by R. L. Cochran, state highway engr., Lincoln, grading 4.06 mi. Lodgepole-Potter Project 149-B, Cheyenne Co. $35,000 and 5.213 mi. Meadow-Grove-Tilden Project 139-I, Madison Co., $30,000; gravel surfacing 107,700 sq.yd. Alliance-Hemmingford Project 198-A, Box Butte Co. $25,000, 7.82 mi. Kearny-Pleasanton Project 73-B, Buffalo Co. $29,-000, 8.61 mi. Broadwater-Oshkosh Project 82-A, Garden Co. $30,000, 9.44 mi. Battle Creek-Meadow-Grove Project 139-H, Madison Co. $35,000, 8.631 mi. Norfolk-Stanton Project 87-B, Stanton Co. $32,000, 11.354 mi. Stanton-Wisner Project 70-A, Stanton Co. $42,000, 13.364 mi. Scotia-Buxwell Project 85-A, Valley Co. $49,000, 11.22 mi. Wayne-Wisner Project 70-B, Wayne Co. $42,000; grading, bridging, etc., 8.24 mi. Ainsworth-Norden Project 238-A, Brown Co. $50,000, for State Hy. Dept., Lincoln.

Nebraska—May 28, by R. L. Cochrane, highway engr., Lincoln, gravel surfacing 112,000 sq.yd. Columbus-Norfolk Rd., Platte Co., $26,000; 75,000 sq.yd. Columbus-Norfolk Rd., Madison Co., $25,000; 6.766 mi. Pierce-South East Project 64-A, Pierce Co., $26,000; 7.553 mi. Cushing-Grand Island Project 60-A, Howard Co., $25,000; 6.5 mi. Max-Doane Project 41, Dundy Co., $25,000, for State Hy. Dept., Lincoln.

Nebraska — May 29, by R. L. Cochrane, highway engr., Lincoln, gravel surfacing 8.3 mi. Red Cloud-Ayr Rd., Federal Aid Project 32, Webster and Adams Counties $30,000; 197,000 sq.yd. Nebraska City-Plattsmouth Rd., Cass Co., $60,000; 158,900 sq.yd. Blair-Oakland Rd., Burt Co., $30,000; 210,400 sq.yd. Lincoln-Beatrice Rd., Gage Co., $43,000; 228,200 sq.yd. Superior-Harvard Rd., Clay Co., $36,000; 242,250 sq.yd. Superior-Harvard Rd., Nuckolls Co., $38,000, for State Hy. Dept., Lincoln.

Nebraska — May 29, by R. L. Cochran, state highway engr., Lincoln gravel surfacing 15.269 mi. Table Rock-Lewiston Project 91-A, Pawnee Co. $57,000, 11.959 mi. road east of Crete, Federal Aid Project 98-A, Lancaster Co. $65,000, 8.466 mi. Crete-Dorchester Project 98-C, Saline Co. $30,000, 8.447 mi. Dunbar-Syracuse Project 133-A, Otoe Co. $41,000, 11.22 mi. Hastings-Ayr Project 77, Adams Co. $40,000, 12.508 mi. Fairmont West to Co. Line Project 171-A, Fillmore Co. $47,000, 74,500 sq.yd. Milford-Seward Project 226, Seward Co., $25,000; grading, etc. 5.868 mi. Holdredge-Loomis Project 251-A, Phelps Co. $26,000, 8.295 mi. Wymore-South Project 250-A, Gage Co. $30,000, 12.6 mi. Orleand-Oxford Project 240-A, Harlan Co., $35,000, for State Hy. Dept., Lincoln.

North Dakota—May 28, by State Hy. Comn., and Comrs. McHenry Co., at Court House, Towner, grading and sand clay surfacing, etc., 11.081 mi. road from Riga to Towner, Federal Aid Project 274 A; and 6.499 mi. road south and east of Velva, Federal Aid Project 270 A.

North Dakota — June 2, by State Hy. Comn., and Bd. Comrs. Stutsman Co., at Court House, Jamestown, grading and graveling, etc., 8.511 mi. road from Jamestown west, Federal Aid Project 279; 11.562 mi. road from Jamestown north and west, Federal Aid Project 56 A and B; and 8.01 mi. road from point 5 mi. south of Jamestown, Federal Aid Project 56 G and H.

North Dakota — June 3, by State Hy. Comn., and Bd. Comrs. Steele Co., at Court House, Finley, clearing and grubbing, etc., 5.031 mi. road from Finley south, Federal Aid Project 233 A.

South Dakota — May 26, by State Hy. Comn., Pierre, **(F. A. P. means Federal Aid Project)**, graveling 11.5 mi. F. A. P. 179, Duel Co., 18.6 mi. F. A. P. 183 A, Beadle Co., 11.2 mi. F. A. P. 162 A, 6.9 mi. F. A. P. 162 B, and 6.9 mi. F. A. P. 117 in Haakon Co., 15.6 mi. F. A. P. 95 A, and 8.3 mi. F. A. P. 95 C, Faulk Co., 10 mi. F. A. P. 168 A, Clay Co,, 11.1 mi. F. A. P. 170 E, Turner and Minnehaha Counties, 5 mi. F. A. P. 14 B, Stanley Co.; also grading 0.53 mi. F. A. P. 165 C, Brule Co., 6.51 mi. F. A. P. 173 C, Faulk Co.; and two 23 ft. viaducts on F. A. P. 173 C, Faulk Co. T. Soleglad, acting highway engr.

South Dakota — May 26, by State Hy. Comn., Pierre, **(F. A. P. means Federal Aid**

Streets and Roads (Continued)

Project), grading, etc., 17.5 mi. F. A. P. 178-B and 200-A Hutchinson Co., 12.47 mi. F. A. P. 177-B Pennington Co., 7.1 mi. F. A. P. 170-F Minnehaha Co., 15.09 mi. F. A. P. 196-A Aurora Co., and 18.22 mi. F. A. P. 191-D, Clark Co.; graveling 14.7 mi. F. A. P. 185-D, Jackson Co.; one 33 ft. and one 78 ft. viaduct on F. A. P. 188-D, McCook Co., one 34 ft. viaduct on F. A. P. 177-B, Pennington Co., one 40 ft. viaduct on F. A. P. 178-B, Hutchinson Co. T. Soleglad, acting highway engr.

Mo., St. Louis—June 2, by Bd. Pub. Wks., 208 City Hall, grading and waterbound macadam paving private road from Hog Hollow to Little Lake Rds. $52,000. E. E. Wall, City Hall, comr.

Arkansas—May 29, by State Hy. Dept., Little Rock, clearing, grubbing, grading, curbing and concrete surfacing 6.25 mi. Federal Aid Project 216-A, 18 ft. R. C. Limerick, highway engr.

Ark., Arkadelphia — May 25, by J. G. Clark, chn. Bd. City Comrs., grading, curbing and sheet asphalt, brick or rein.-con. surfacing 20,000 sq.yd. Impvt. Dist. 2. E. F. Peterson, Texarkana, engr.

Ark., Batesville—May 26, by V. Wade, city secy., grading, curbing and sheet asphalt surfacing 76,000 sq.yd. Dist. 4. $247,000. W. R. Hagler & Son, Paragould, engrs. Noted Mar. 5.

Ark., Warren—May 28, by L. Ederington, secy. Bd. City Comrs., grading, curbing, rein.-con. or asphalt on concrete surfacing 20,000 sq.yd. Impvt. Dist. 1. E. F. Peterson, Texarkana, engr.

Tex., Anderson—June 2, by Comn. Court Grimes Co., grading and bridging 6.71 mi. State Highway 6, Federal Aid Project 471-B. $110,000. O. A. Seward, Jr., Navasota, engr. Noted Apr. 9.

Tex., Anson—June 5, by F. E. Devlin Eng. Co., Anson, and Bitting Bldg., Wichita, Kan., grading, bridging, etc., 15.73 mi. State Highway 83, State Aid Project 598-A, $52,300; and 15.97 mi. State Highway 83, State Aid Project 598-B, $140,000, for Jones Co.

Tex., Cameron—June 5, by A. F. Mitchell, engr. Milam Co., grading, bridging and gravel surfacing 7.6 mi. State Highway 36, Federal Aid Project 359, 18 ft. $110,500. Noted Apr. 16.

Tex., Linden—Cass Co. taking bids grading and bridging 7.43 mi. Linden Rd., State Highway 48, 18 ft. $77,000. F. E. Hess, Linden, engr. Noted Apr. 23.

Wash., Kalama—June 1, by Clerk Cowlitz Co., improving South Silver Lake Rd., 14.22 acres clearing, 8.8 acres grubbing, 16,682 cu.yd. earth, 750 cu.yd. loose and 660 cu.yd. solid rock excav., etc. E. A. Middlebrooks, Kelso, engr.

Wash., Seattle—June 1, by Comrs, King Co. grading, paving, etc., 2.62 mi. 16th Ave. S. W. extension of Lake Burien Highway. $90,000. T. R. Beeman, Seattle, engr.

Calif., Bakersfield—City Council taking bids improving Chester Lane, 154,948 sq.ft. 1½ in. warrenite bituminous on 3½ in. asphaltic concrete surfacing, 154,948 sq.ft. sub-grade, 14,456 sq.ft. concrete guttering, and 1,784 lin.ft. concrete curbing. To exceed $35,000. Noted May 14.

Calif., Marysville — City Council taking bids for concrete curbing, guttering, sidewalks, and 1½ in. Warrenite on 2½ in. asphaltic concrete paving portions of C, 9th, 13th Sts., etc. To exceed $25,000. L. B. Crook, city engr.

Ontario—June 1, by S. L. Squires, deputy minister highways, Parliament Bldg., Toronto, concrete paving 41.57 mi. Contrs. 1203 to 1211 inclusive, $1,200,000; penetration macadam paving 38.92 mi. Contrs. 1212 to 1220 inclusive, $600,000; waterbound macadam paving 6 mi. Contr. 1221, $75,000; grading 6.55 mi. Contrs. 1222 to 1225 inclusive, $80,000; surface treating 52.5 mi. macadam roads Contrs. 1226 to 1233 inclusive, $50,000; extending and improving bridges, etc., in Contrs. 1234 to 1247 inclusive. G. Hogarth, ch. engr.

Ont., Guelph—May 21, by J. Beatty, Fergus, rein.-con. paving 7,800 sq.yd. county roads. $30,000. A. W. Connor & Co., 301 Metropolitan Bldg., Toronto, engrs.

BIDS RECEIVED

New Hampshire—State Hy. Dept., Concord, concrete paving 1.87 mi. highway at Berlin, from P. J. Keating, Fitchburg, Mass., $50,571; 80 ft. span girder plate bridge, at Epsom, from D. Chesley & Co., Dover, $14,269. Noted Apr. 30.

Massachusetts — Dept. Pub. Wks., Div. Highways, State House, Boston, May 5, bituminous macadam and concrete paving 23,033 ft. highway in Stoughton and Canton, from C. Bianchi, Framingham, $268,201; concrete paving 24,121 ft. in Somerset, from J. McCormick, 319 Taunton Ave., Providence, R. I., $313,695, 2,400 ft. in Swampscott, from J. W. Sheehan, Lynn, $39,319; bituminous concrete paving 5,638 ft. in Harwich, from W. A. Jones, Barnstable, $20,195; bituminous macadam paving 1,900 ft. in Northboro, from W. H. Hinman, Medway, $13,396, 5,242 ft. in Hingham and Cohasset, from Boston Constr. Co., 288 Summer St., East Boston, $73,740, and 1,700 ft. in Freetown, from Canedy Constr. Co., New Bedford, $12,090. Grand total $740,636. Noted Apr. 30.

Massachusetts—Dept. Pub. Wks., Boston, May 12, macadam paving 7,444 ft. highway in Southampton and Easthampton, from W. C. Tannett, Jr., 41 East Union St., Easthampton, $57,787; concrete paving 14,953 ft. highway in Auburn and Oxford, from T. G. Jewett, Jr., 35 7th St., New Bedford, $150,427; bridge and approaches on 1,850 ft. highway in Northbridge, from R. A. Doyle, 32 Caldwell Crescebt, Lynn, $37,596. Noted May 14.

R. I., East Providence (Providence P. O.) —Metropolitan Park Comn., State House, Providence, bituminous macadam paving 2½ mi. roadway in Barrington Parkway, from B. C. Jordan, 1122 Elmwood Ave., Providence, $69,183.

R. I., Providence—Water Supply Bd., City Hall, Apr. 29, grading about 1 mi. earth road near Rockland and Ponaganset in Scituate, from E. L. Gobielle, Inc., Worcester, Mass., $30,265. Noted Apr. 9.

New York—State Dept. Pub. Wks., Albany, May 15, **(e. e. means engineer's estimate)**, constructing and reconstructing 3 mi. Highway 5282, Ovid-Romulus, Seneca Co., and 10.24 mi. Highway 8208, Clymer-Panama, Chautauqua Co., from D. T. Ripton, Inc., Rochester, $89,710 and $507,290 respectively, e. e. $108,739 and $639,233 respectively; 1.72 mi. Highway 5111, Jericho Turnpike, Part 2, Suffolk Co., and 0.99 mi. Highway 9020, Nassau Co., from Heling Contg. Corp., Lindenhurst, $82,455 and $54,078 respectively, e. e. $99,513 and $66,360 respectively; 3.56 mi. Highway 8210, Marcellus-Syracuse Part 2, Onondaga Co., from Holmes & Bergdorf, Syracuse, $151,589, e.e. $180,232; 9.03 mi. Highway 8209, Chenango Forks-Whitney Point, Parts 1 and 2, Broome Co., from J. F. Paddelford, Sherburne, $443,750, e. e. $549,071; 3.88 mi. Highway 5169 Saugerties-Catskill Part 1, and Highway 5169 A, Part 1A, Ulster and Greene Counties, from Riteway Constr. Corp., 104 Reade St., New York City, $184,367, e. e. $217,607; 2.61 mi. Highway 50, Armonk-Mt. Kisco, Westchester Co., from A. D. Bridges Sons, Inc., Hazardville, Conn., $156,838, e. e. $200,582; 9.015 mi. Highway 8211 and 8212 Rushford-Fairview and Sandusky-Fairview, Allegany and Cattaraugus Counties, from McKibben-Rockwell Corp., Hornell, $431,177 e. e. $507,032; 4.36 mi. Highway 8213, Natural Bridge-Harrisville, Part 2, Lewis Co., from Saratoga Co., Albany $211,326, e. e. $236,105; 5.72 mi. Highway 1709, Great Valley-Cadiz Part 1, Cattaraugus Co., from E. C. Jones, Salamanca, $263,232, e. e. $322,927.

N. Y., New York — H. Bruckner, pres. Bronx Boro, 3rd and Tremont Aves., May 14, bituminous concrete paving Mt. Eden Ave., and granite block repaving East 149th St., from Asphalt Constr. Co., 208 Bway., $14,962 and $211,706 respectively; granite and asphalt block repaving Fordham Rd., from Regan Towers Co., 124 West 121st St., $179,104; grading, etc., Adams St., from M. Del Balso, 660 East 221st St. $3,991, Calhoun Ave. from Spadaro Contg. Co., Inc., 375 East Fordham Rd. $10,788, Bogart Ave., from S. Nugent, 285 West 150th St., $10,983. Noted May 7.

New Jersey—State Hy. Comn., Trenton, May 11, grading, concrete paving, etc., 86,693 sq.yd. Route 4, Sect. 30, Manahawkin-Tuckerton, Ocean Co., from Union Paving Co., 30th and Locust Sts., Phila., Pa., $345,413.

Maryland — State Roads Comn., Baltimore, concrete shoulders on 2 mi. Contr. 0260 A, Howard Co., from M. J. Grove Lime Co., Lime Kiln $24,928, 8 mi. Contr. WI-6-A, Wicomico Co., from Hannemann-Burroughs Co., Salisbury $37,788, 4.25 mi. Contr. F-5-A, Frederick Co., from Poffenberger & Mause, Meyersville $41,615, 4.75 mi. Contr. M-3-A, Montgomery Co., from Cranford Co., 3056 K St., Wash., D. C., $44,253, 4.5 mi. Contr. T-2-A, Talbot Co., from J. K. Flick, Sudlersville, $46,035; graveling 1.5 mi. Contr. SM-33, St. Marys Co., from T. B. Lewis & Son, Hyattsville $11,959, 2 mi. Contr. P-57, Prince Georges Co., from St. Marys Constr. Co., Mechanicsville, $17,950; sheet asphalt paving 0.39 mi. Contr. BC-12-C, Baltimore Co., from Amer. Paving & Constr. Co., Montebello Ave., Baltimore, $29,691, 0.43 mi. Contr. BC-54, Baltimore Co., from P. Flanigan & Sons, Harford Rd. and Baltimore & Ohio R.R., Baltimore, $65,922. Noted Apr. 30.

Md., Baltimore—Grading, curbing and concrete paving 12,770 sq.yd. Contr. 282-OANA, from G. Long Constr. Co., 1st Ave. and 12th St., $33,760.

Md., Baltimore—Bd. Awards, sheet asphalt paving 8,530 sq.yd. Contr. 281-OC, from Amer. Paving & Constr. Co., Montebello Ave., $42,939; concrete paving 13,160 sq.yd. Contr. 280-NA, from Abello Constr. Co., 4th and Gough Sts., $37,982. Noted Apr. 30.

North Carolina—State Hy. Comn., Raleigh, from Jamison Bros., High Point, clearing, grubbing and grading, etc., 13.27 mi. Project 235, Johnston Co. $70,458, clearing, grubbing, grading, top soiling, etc., 17.75 mi. Project 128, Edgecomb Co., $77,372; from N. L. Teer, Durham, clearing, grubbing, grading, etc., 8.9 mi. Project 105E, Beaufort Co. $59,421; from Hanford Bros., Burlington, 11.8 mi. Project 581, Randolph Co. $54,493; grading and top soiling, etc., 7.5 mi. Project 609, Anson Co., $51,584; from T. C. Hurlocker, Albermarle, clearing, grubbing, grading, etc., 10 mi. Project 396, Robeson Co. $48,860; from Noll Constr. Co., Charlotte, grading and concrete or asphaltic paving 9.4 mi. Project 283, Wayne Co. $314,132, 9.3 mi. Project 660, Necklenberg Co. $305,413, from G. H. Gregory & Co., Taylors, S. C., 8 mi. Project 534, Guilford Co. $231,214, 10.3 mi. Project 746, Forsythe Co., $27,657, from R. H. Wright & Sons, Asheville, 11.6 mi. Project 953B Jackson Co. $221,649, from Wilson Constr. Co., Rutherfordton, 8.1 mi. Project 967, Macon Co. $236,778, from Foster Constr. Co., Wilkesboro, 3.6 mi. Project 450, Lee Co. $116,473, from F. G. McGuire, Bankers Trust Bldg., Norfolk, Va., 4.15 mi. Project 181, Perquimaus Co. $114,150, 4.46 mi. Project 107 C, Bertie Co. $132,973, clearing, grubbing, grading, and concrete or asphaltic paving 4.9 mi. Project 105C, Beaufort Co., $168,811; from Blythe Bros., Charlotte, grading and concrete or asphaltic paving 8 mi. Project 488, Wake Co. $212,445; from Hudson & Scruggs, Wilmington, grading and sand asphalt paving, etc., 5 mi. Project 310, Brunswick Co. $92,873, from R. G. Lassiter & Co., Raleigh, 9.2 mi. Project 564, Moore Co. $168,211, from Highway Eng. and Contg. Co., Selbyville, Del., 6 mi. Project 565, Moore Co. $122,172. Noted Apr. 23.

Mich., Kalamazoo—Concrete paving 0.869 mi. road, 27 and 35 ft., from W. Neal & Son, Kalamazoo, $47,267.

Wis., Hartford — W. Radtke, city clk., May 5, from Lex Constr. Co., 446 68th Ave., West Allis, paving 7,000 sq.yd. Johnson and Wisconsin Sts., one course concrete at $23,237, two course concrete $24,847, and vibrolithic $25,057. Noted Apr. 23.

Wis., Green Bay—W. L. Kerr, city clk., City Hall, improving various streets (1) 25,900 lin.ft. concrete curbing and guttering (2) 14,600 cu.yd. grading (3) 40,300 sq.yd. paving with (a) concrete (b) natural asphalt (c) oil asphalt, from J. Brogan & Sons, 700 Dousman St., curbing only $0.95 per lin.ft., (2) $0.54, (3a) at $2.44 and $2.49; from F. P. Coughlin Co., 130 North Wells St., Chicago, Ill., (1) $0.80, (2) $0.50, (3b) $2.50 and $2.60; from Ford Paving Co., Cedar Rapids, Ia., (1) $0.50 (2) $1, (3c) $2.42 and $2.52. Noted Apr. 23.

Wis., Madison — H. C. Buser, city clk., from J. Icke, Washington Bldg., rein.-con. paving Chadbourne Ave. $3,150, Fox Ave. $5,750, Spaight and Jenifel Sts. $66,500, Charter St. $1,400, Chestnut St. $6,100, Wilson St. $53,500, Spooner St. $4,300, East Main St. $8,400, Deloplaine Court $2,363; from O'Dea & Schafer, Oregon Rd., Thurston Ave. $7,500; from N. Quinn, 5 North West Johnson St., Rodney Court $3,246, St. Paul Ave. $6,000; from D. E. Harrington & Sons, Madison, Breeze Terrace, $2,785.

Wis., Milwaukee—Dept. Pub. Wks., sheet asphalt resurfacing 11th St. between State St. and Grand Ave., from Badger Constr. Co., 97 Wisconsin St. $17,771, 26th St. between Burnham and Lincoln Aves., from White Constr. Co., 68 Wisconsin St., $20,807; grading 23rd St. between 24th and West 24th Sts., and 25th St. between 26th and Melvina Sts., from A. Schroeder, 20th St. and Atkinson Ave., $6,736 and $6,329 respectively; vibrolithic concrete paving Lake St., from W. F. Hunt, 405 Bway., $39,477.

Oklahoma — State Hy. Dept., Oklahoma City, May 5, improving 7.85 mi. road East of Enid, Federal Aid Project 179, Garfield Co., 82,895 sq.yd. concrete, 28,050 cu.yd. excav., 26,264 cu.yd. borrow, 9,342 sq.yd. overhaul, etc., from J. B. and L. Paving Co., Stevenson Bldg., Enid, $226,788. Engrs. est. $245,000. Noted Apr. 30.

California—State Hy. Comn., Sacramento, grading and concrete paving 3.6 mi. highway between point 2 mi. south of San Onofre and Northerly Boundary, San Diego Co., from R. A. Wattson, 2304 Hyperion St., Los Angeles, $119,057. Engrs. est. $139,517. Noted Apr. 23.

Calif., Santa Rosa — Sonoma Co., from Associated Constr. Co., 564 Market St., San Francisco, improving 12.66 mi. road from Monte Rio to end of present concrete

Streets and Roads (Continued).

highway between Sebastopol and Freestone, 31,675 cu.yd. excav. at $0.75 per cu.yd., 117,997 sq.yd. subgrade $0.20, 117,453 sq. yd. 5 in. macadam at $0.35, 117,453 sq.yd. asphalt surfacing at $0.30, total $145,200. Noted Dec. 25.

CONTRACTS AWARDED

Massachusetts—Dept. Pub. Wks., Boston, bitulithic paving streets in Dorchester and West Roxbury, to S. J. Tomasello, 11 Cushing Terrace, Dorchester, $29,396.

Massachusetts — Dept. Pub. Wks., State House, Boston, bituminous concrete paving 2,600 ft. highway in Sandwich and bituminous macadam paving 4,600 ft. in Mashpee, to Washburn & Sheriden, East Taunton, $7,499 and $19,998 respectively; bituminous macadam paving 3,600 ft. in Seekonk, to J. McCormick, 319 Taunton Ave., East Providence $23,316, 15,112 ft. in Belchertown, to Lane Constr. Corp., 37 Colony St., Meriden, Conn., $121,901, 7,830 ft. in Groveland, to M. McDonough Co., Swampscott, $42,583; waterbound macadam paving 3,686 ft. in Rehoboth and Dighton, to F. L. McNeil, Winthrop St., North Dighton, $15,364. Grand total $228,661. Noted May 7.

Massachusetts — Dept. Pub. Wks., Div. Highways, State House, Boston, concrete and bituminous macadam paving 23,033 ft. highway in Stoughton and Canton, to C. Bianchi, Framingham, $268,201; concrete paving 24,121 ft. highway in Somerset, to J. McCormick, 319 Taunton Ave., East Providence, R. I., $313,695, 2,400 ft. highway in Swampscott, to J. W. Sheehan, Lynn, $39,319; bituminous macadam paving 5,638 ft. highway in Harwich, to W. A. Jones, Barnstable, $20,195, 1,900 ft. highway in Northboro, to W. H. Hinman, Medway, $13,396, and 1,700 ft. highway in Freetown, to Canedy Constr. Co., New Bedford, $12,090. Grand total $666,896. Noted May 21.

Massachusetts—Metropolitan Dist Comn., 1 Ashburton Pl., Boston, resurfacing Furnace Brook Parkway in Quincy and Milton, to A. W. Loud, 18 Granite St., $26,855. Noted May 14.

N. Y., Long Island City — M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., to Cleveland Trinidad Asphalt Paving Co., Flushing, grading, curbing and sidewalks on 95th St. $36,605, 99th St. $19,295; to Welsh Bros. Contg. Co., 32 Queens St., Astoria, regrading, recurbing and reflagging Ely Ave. $41,313, grading, curbing and sidewalks on Roosevelt Ave. $27,994, 102nd St. $10,480; to Uvalde Asphalt Paving Co., 1 Bway., New York City, grading, curbing and sidewalks on 112th St. $20,426, 109th St. $14,885. Noted Apr. 30.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., to D. J. McCarthy, 88 Audubon Ave., granite block repaving Dover St. $36,255, Little West 12th St. $23,781; to W. J. Fitzgerald, 547 West 45th St., West 12th St. from Greenwich to West Sts., $26,995; to C. Helbock, 633 Wales Ave., granite block paving 2nd Ave. $40,394, widening and sheet asphalt repaving 5th Ave. $23,189; to O. D. Beckwith, 2875 Bway., grading Riverside Dr. $58,285. Noted May 14.

N. Y., Scarsdale—Bronx Parkway Comn., 72 West Pondfield Rd., Bronxville, asphalt paving 9,600 sq.yd. Bronx River Parkway Dr., to Hastings Pavement Co., 25 Broad St., New York City, $39.700. Noted Apr. 23.

N. J., Elizabeth—Bd. Pub. Wks., paving 2 streets, to J. B. Gilligan, Casey Co., 972 Broad St., Newark, $91,651; 12 streets, to Gilligan, Barrett, Cahill Co., Broad St., Newark, $197,577; paving Bayway, to Standard Bitulithic Co., Brill St., Newark, $85,159.

N. J., Jersey City—Hudson Co., concrete and granite block paving Tonnele and Manhattan Aves., to M. H. Dunn, 45 Clendenny Ave., $116,088.

N. J., Lakewood — Ocean Co. (Toms River), improving 1¾ mi. Lakewood-Grovers Corner Rd., here, to S. S. Thompson, Red Bank, $63,266.

N. J., Moorestown—Freeholders Burlington Co. (Mt. Holly), concrete paving 9,250 sq.yd. South Church St., here, to W. S. French Co., 226 West Main St., $44,042. Noted May 14.

N. J., Nutley — Freeholders Essex Co. (Newark), paving 1¾ mi. River Rd., here, to Standard Bitulithic Co., Brill St., Newark, $72,357.

N. J., Palmyra — Burlington Co. (Mt. Holly), cement paving 12,000 sq.yd. Broad St., here, to Union Paving Co., 30th and Locust Sts., Phila., Pa., $41,894.

N. J., Woodbury—State Hy. Dept., Trenton, asphalt paving 7,171 sq.yd. Broad St., here, to Union Paving Co., 30th and Locust Sts., Phila., $32,622.

Pa., Phila.—Dept. Hys., Dept. Pub. Wks., to Stange Constr. Co., 1703 North 55th St., grading Pattison St. from 10th and 11th Sts., also 10th and 11th Sts. $374,899, Pattison St. from 11th to Broad Sts. $92,650, and Pattison St. from 20th to Broad Sts. $121,322; to Provident Housewrecking Co., 133 Greenwich St., Packer St. $113,914. Grand total $702,785. G. H. Biles, dir.

Maryland—State Rds. Comn., Baltimore, sheet asphalt paving 0.52 mi. Contr. BC-53, Baltimore Co., to Baltimore Asphalt Block & Tile Co., 1320 North Monroe St., Baltimore, $119,278; concrete shoulders on 3 mi. Contr. B-12D, Baltimore Co., to P. Reddington & Son, 2 East Lexington St., $31,623; concrete paving 1.44 mi. Contr. WI-27, Wicomico Co., to Thomas, Bennett & Hunter, Westminster, $112,320, and 1.02 mi. Contr. M-56, Montgomery Co., to M. J. Grove Lime Co., Lime Kiln, $47,609. Grand total $310,830.

W. Va., Huntington — For 4 in. brick, asphalt filler surfacing 10th St., to Gerchow & McGinnis, Huntington, $27,214; brick on concrete surfacing Edgemont Rd., to Harrison & Dean, Old Walton Bldg., $27,379.

W. Va., Princeton—Vitr. brick surfacing sections of 8 streets, to Municipal Paving & Constr. Co., Johnson City, Tenn., $42,888.

Alabama—State Hy. Dept., Montgomery, concrete surfacing 14 mi. Jasper-Oakman Highway, 18 ft., to Finnell Toothaker Contg. Co., Tuscaloosa, $150,000.

Ala., Florence — Sheet asphalt surfacing 10 blocks various streets, 40 ft., to Independent Paving Co., Amer. Trust Bldg., Birmingham, $114,961, engrs. est. $115,000; concrete curbing and guttering 10 blocks various streets, to Mitchell Bros., Amer. Trust Bldg., Birmingham, $23,780, engrs. est $24,000.

Louisiana — State Hy. Dept., Reymond Bldg., Baton Rouge, constructing 9.24 mi. Winnsboro-Delhi Highway, State Project 336 C, Franklin Parish, to Highway Constr. Co., Godchaux Bldg., New Orleans, $84,807; 7.15 mi. Pershing Highway, Federal Aid Project 148 B, to F. D. Harvey & Co., Memphis, Tenn., $49,765; 7.15 mi. Kaplan-Crowley Highway, State Project 447, Vermilion Parish, to R. Crane, Poplarville, Miss., $32,461; 4.43 mi. Morrow-Moreauville Highway, State Project 468 A, St. Landry Parish, to J. C. Leathers, Poplarville, Miss., $17,855; 3.83 mi. Natchitoches-Boyce Highway, State Project 429 A, Natchitoches Parish, to Byrd & Clopton, Morrow, $14,468.

La., Natchitoches — Natchitoches Parish grading and gravel surfacing 11 mi. Bermuda-Derry Rd., to McKeithen Constr. Co., Grayson, $46,946, and 6 mi. Powhattan-Allen Rd., to Natchitoches Constr. Co., Cypress, $20,398; gravel, to Thomas Gravel Co., Alexandria, $12,140.

O., Steubenville—Jefferson Co., resurfacing Smithfield-Hopedale Rd., to B. Stringer & Co., Steubenville, $40,614. Noted Apr. 30.

Mich., Detroit—To Cooke Asphalt Paving Co., 1260 Penobscot Bldg., grading and sheet asphalt paving 9,750 sq.yd. Riopelle Ave. $43,156, 13,970 sq.yd. State Fair Ave. $60,441, 4,980 sq.yd. Margaret Ave. $22,977, 4,030 sq.yd. Orleans St. $18,275, 4,005 sq.yd. Greeley Ave. $18,404, 4,030 sq.yd. Riopelle St. $18,407; to Detroit Asphalt Paving Co., 909 Free Press Bldg., 14,950 sq.yd. Nottingham Ave. $67,383, 23,910 sq.yd. Six Mile Rd. $101,565, 11,450 sq.yd. Jane Ave. $52,462, 4,175 sq.yd. Renville Ave. $19,466, 3,440 sq.yd. Fournier Ave. $15,316, 13,400 sq.yd. Flanders Ave. $58,968, 8,800 sq.yd. Moran St. $38,916, 3,855 sq.yd. Girardin Ave. $17,720, 1,010 sq.yd. Kentucky Ave. $4,686, 1,000 sq.yd. Indiana Ave. $4,679, 9,025 sq.yd. Kilbourn Ave. $40,820, 9,050 sq.yd. Traverse Ave. $40,088; to C. L. Lincoln, 12337 Indiana Ave. 2,970 sq.yd. Dayton St. $13,862, 2,870 sq.yd. Smart Ave. $13,091; to Cleveland Trinidad Paving Co., 402 Hammond Bldg., 5,675 sq.yd. Ironwood Ave., Sect. 2 $26,741. Grand total $697,423.

Mich., Port Huron—St. Clair Co., graveling 4.539 mi. Assessment Dist. 30, and 2.728 mi. Assessment Dist. 77, to Peacock Constr. Co., Yale, $56,230 and $35,826 respectively; 12.694 mi. Assessment Dist. 35, to C. McComb, Algonac, $176,800. Noted May 14.

Mich., St. Johns—Clinton Co., graveling 35,124 sqy.d. Assessment Dist. Rd. 18, Sect. 2, to R. E. Bailey, Corunna, $46,948; and 35,456 sq.yd. Assessment Dist. 18, Sect. 1, to J. E. Van Dyne, Clare, $52,421. Noted May 14.

Ill., Carbondale — Grading, curbing and concrete surfacing streets in Paving Dist. 16, to Hamilton-Hoffman Constr. Co., Carbondale, $32,399. Noted Jan. 29.

Ill., Hinsdale—For 25,300 ft. 5 ft. cement sidewalks and 320 ft. vitr. clay sewers in Dist. 195, and 16,500 ft. 5 ft. cement sidewalks and 110 ft. sewer, etc., in Dist. 196, to S. J. Gottschalk Constr. Co., Homewood, $29,207 and $18,903 respectively.

Ill., Kewanee—Bd. Local Impvts., grading, curbing and granite on rein.-con. and vibrolithic concrete surfacing, etc., Burr, Elm, 1st and Lysle Sts., also Prospect, Franklin, 5th and Grove Sts., to Gund Graham Co., 304-305 Crum and Forest Bldg., Freeport, $40,054 and $66,877 respectively. Engrs. est. $47,721 and $78,875 respectively. Noted Apr. 16.

Ill., Peoria—Bd. Local Impvts., grading and vitr. brick block surfacing 7th Ave. from Union St. to 2nd Ave., to Tuttle & Biddleman, Peoria, $27,086; grading and paving Alley Block 10, Callender & Ayes Addition, to E. A. Buchholtz, 1317 Columbia Terrace, $1,830.

Ill., Peoria — Road & Bridge Comn., Peoria Co., gravel surfacing 10.5 mi. various State Aid Roads, 12 ft. wide and 9 in. deep, to Tuttle & Bidleman, Peoria, $22,378; also 9.5 mi. various roads, to C. L. Swords, Peoria, $25,106.

Wisconsin — State Hy. Comn., Madison, to M. Martin Co., Berlin, improving Marshfield-Ashland Rd., Marathon Co., 17,832 cu. yd. excav. at $0.65 per cu.yd., 110,584 sq. yd. concrete paving, etc., $1.27 per sq.yd., total $163,627.

Wis., Clintonville — Vibrolithic concrete paving, etc. 10,096 sq.yd. West 8th and North Main Sts., to A. Larsen & Co., Oshkosh, $37,447.

Wis., Menasha—J. F. De Caro, city clk., curbing, guttering and concrete surfacing approximately 10,556 sq.yd. Elm and Tayco Sts., to Schneider Contg. Co., Menasha, $30,977. Noted May 7.

Wis., Waukesha — State Hy. Comn. at Div. Office 2, Stephenson Bldg., Milwaukee, to H. O. Shafer & Sons, Green Bay, improving Milwaukee-West Bend Rd., Federal Aid Project 352-A, Waukesha Co., 20,327 cu.yd. earth excav. at $0.55 per cu.yd., 200 cu.yd. loose rock excav. $1, and 100 cu. yd. solid rock excav. $2.50, 12,611 cu.yd. borrow $0.55, 31,766 sq.yd. concrete paving $1, total $61,625.

Ia., Garner—Hancock Co., grading 87,669 sq.yd. Secondary-Primary Project S-18, to L. O. Kimball, Clear Lake, $24,898; 36,055 ft. 6 in. tile, 13 intakes, etc., for above, to A. Elkwald, Emmetsburg $3,909.

Ia., Hampton — Franklin Co., grading, gravel surfacing, etc., 12.22 mi. No. S-16, and 4.12 mi. Project 212, to M. O. Weaver, Iowa Falls, $28,628 and $6,669 respectively; gravel surfacing 5,000 yd. Project 414, to Heldt & Boyles, Everly, $3,084.

Ia., Pocahontas—Pocahontas Co., grading, etc., 21 mi. Second-Primary Rd., Project S-22, to Hartman & Peterson, Laurent, $36,256.

Ia., Rockwell—Calhoun Co., grading 5 mi. road near Piper and 12 mi. secondary road in Garfield and Elk Grove Twps., to E. A. Wickham & Co., 19 Scott St., Council Bluffs, $30,000.

Minn., Benson—D. P. Carney, aud. Swift Co., to Boyd Constr. Co., Benson, grading, etc. 59,176 cu.yd. Job 2501 $14,190 37,483 cu.yd. Job 2502 $8,492 and 15,670 cu.yd. Job 2506 $4,116. Grand total $26,798. Noted Apr. 9.

Kan., Topeka — Asphaltic concrete on 7 in. concrete surfacing, etc., 58,597 sq.yd. various streets, to Kaw Paving Co., 609 New England Bldg., $243,749; 12 x 6 ft. concrete box with end retaining walls, to C. A. Ritchie, 1180 Vulvane St., $4,875.

Nebraska—State Hy. Dept., Lincoln, concrete paving 26,000 sq.yd. Mape St. west of 84th St., to J. J. Parks, South Omaha, at $2.10 per sq.yd., engrs. est. $55,000; also 5.5 mi. road, both Douglas Co., to Metz Constr. Co., Springfield, $2.03, engrs. est. $110,000.

Neb., Crete—Warrenite bitulithic paving 9 blocks in Dist. 19, and 8 blocks in Dist. 20, to Allied Contractors, Inc., 1803 Douglas St., Omaha, $32,466 and $32,771 respectively.

Neb., Rising City—W. A. Nodding, village clk., grading, curbing, guttering, concrete paving, etc., 9,420 sq.yd. streets in Paving Dist. 1, to Amer. Paving Corp., 1325 Grace St., Omaha, $27,527.

S. D., Vermilion — Paving and curbing about 50,000 sq.yd. various streets, to P. C. Hansen & Son, 1422 Court St., Sioux City, Ia., 6 in. concrete at $1.77 per sq.yd. Noted Mar. 6, 1924.

Mo., Maryville—Grading, curbing and 7 in. concrete paving 8,135 sq.yd. Market, Dunn and South Main Sts., to Cook & O'Brien Constr. Co., 305 Railway Exch., Kansas City, $28,384. Noted Apr. 23.

Arkansas—State Hy. Dept., Little Rock, clearing, grubbing, grading and bridging 11.9 mi. Federal Aid Project 187-A, 18 ft., Sebastian Co., to Maney Bros. & Co., Empire Bldg., Oklahoma City, Okla., and Campbell Bros., 603 Kemper Bldg., Kansas City, Mo., $80,549; 7.2 mi. Federal Aid Project 191-B, 18 ft., Lee Co., to C. L. Hager, Walnut Ridge, $46,724; and 11 mi. Arkansas-Missouri Highway, 18 ft., Pulaski Co., to Keliher Constr. Co., Southern Trust Bldg., Little Rock, $308,934. Noted Mar. 19 and Apr. 23.

Ark., North Little Rock—Concrete curbing and storm sewers in East 2nd, Buckeye,

Streets and Roads (Continued)

21st and 25th Sts. and 5 in. one course concrete surfacing Hazel, Beech and Buckeye, Washington, East 2nd and Hazel Sts., all above in Paving Dists. 30 and 31, to Southern Sand & Constr. Co., foot Ashley St., Little Rock, $56,287. Noted Mar. 5.

Tex., Del Rio—Asphalt on macadam surfacing Main, Losoya, Greenwood, Spring, Garfield, Martin, East Bway. and Brorum Sts., to Uvalde Co., City Natl. Bank Bldg., San Antonio, $300,000.

Tex., Houston — Harris Co., surfacing Bissonet Ave .from Dulavy St. to Reinermann Ave., to Uvalde Rock Asphalt Co., 829 Bankers Mortgage Bldg., $52,241. Engrs. est. $55,000.

Tex., Jacksboro — Jack Co., clearing, grubbing, bridging and grading 12.8 mi. State Highway 25, State Aid Project 568, 26 ft., 183,754 lb. reinforcing, etc., to Parks & Speight, Jacksboro, $72,438. Engrs. est. $55,000. Noted Feb. 19.

Tex., Karnes City—Karnes Co., clearing, grubbing, grading and bridging 9.05 mi. State Highway 16, Federal Aid Project 434-D, to H. J. Evans, 500 West 15th St., Austin, $55,176. Engrs. est. $59,824. Noted Apr. 9.

Tex., Orange—Orange Co., grading and shell surfacing 5 mi. road from Prairie View School Rd. to Old River Cave, 2,200 ft. dump and 2,300 ft. trestle work, to A. C. McFarlan, Orange, $77,634. Engrs. est. $80,000. Noted May 7.

Tex., Palestine—Anderson Co., grading, bridging, clearing and grubbing 10.75 mi. State Highway 43, 26 ft., 1,337 cu.yd. concrete, 187,860 lb. reinforcing, 134,306 cu.yd. excav., etc., to Tibbetts Constr. Co., Joseph Bldg., Ft. Worth, $102,329. Engrs. est. $122,800. Noted Apr. 30.

Tex., Palestine—Anderson Co., clearing, grubbing, grading and bridging 9.75 mi. State Highway 19, Federal Aid Project 403-C, 18 ft., incl. 129,018 lb. reinforcing, etc., to J. W. Goodrum, Sequin, $72,055. Engrs. est. $87,042.

Tex., Sinton—San Patricio Co., grading, bridging and mud shell surfacing 6.38 mi. State Highway 57, Federal Aid Project 377-B, 14,984 cu.yd. mud shell, 28,098 lb. reinforcing, etc., to M. E. Rudy, Blanco City, $66,266. Engrs. est. $75,136. Noted Apr. 9.

Tex., Tyler—Brick paving each side of road from Houston to Dobbs Sts., to McGuire & Cavender, Sherman, $45,068. Engrs. est. $50,000.

Tex., Waco — V. G. Koch, engr., Waco, grading, curbing, etc., 12 various streets, to Standard Paving Co., 1742 East 6th St., Tulsa, Okla., coarse grain asphalt $266,184, or fine grain asphalt $260,577. Will decide soon on which material will be used. Noted Apr. 9.

Oklahoma—State Hy. Dept., Oklahoma City, **(F. A. P. means Federal Aid Project, S. A. P. means State Aid Project, and e. e. means engrs. est.)**, grading and gravel surfacing 5,262 cu.yd. Stigler-Haskell Co. line Rd., F. A. P. 73-B, Haskell Co., to Ellis & Lewis, Muskogee, $19,777, e. e. $25,000, 11,539 cu.yd. Blanchard-McClain Co. Line Rd., S. A. P. 97, McLain Co., to R. R. Tracy, 237 East 15th St., Oklahoma City, $64,499, e. e. $70,000; concrete surfacing 11,461 sq.yd. Tonkawa Rd., S. A. P. 111, Kay Co., to R. H. Baldwin, 109 East Grand St., Ponca City, $24,985, e. e. $26,000, 18,583 sq.yd. Billings Rd., F. A. P. 210-A, Noble Co., and 24,844 sq.yd. Marland Rd., F. A. P. 125-A and B, Noble Co, to Gudgel & McVey, Stillwater, $44,698 and $57,884 respectively, e. e. $49,000 and $60,000 respectively, 9,906 sq.yd. Shawnee-Tecumseh Rd., S. A. P. 77-A, Pottawatomie Co., to G. P. Carr, Shawnee, $23,760, e. e. $25,000; grading 9.93 mi. Adair-Pryor Rd., 30 ft., S. A. P. 158, Mayes Co., to Green-Beekman Constr. Co., 519 West Main St., Oklahoma City, $29,364, e. e. $32,500. Grand total $264,967. Noted Apr. 30.

Okla., Bartlesville—Grading and concrete surfacing 9,640 sq.yd. Cheyenne, Seneca and 7th Sts., to Hamilton Constr. Co., Bartlesville, $29,908. Engrs. est. $30,600. Noted Jan. 29.

Okla., Oklahoma City—To Western Paving Co., Tradesmens Bldg., surfacing 9th St. from Western to Kline Sts. $6,694; asphalt surfacing 1,940 sq.yd. Greary Ave. from 1st to 2nd Sts. $4,973; Willite surfacing Randolph St. from 16th to 19th Sts. $11,090; and gravel surfacing 2,740 sq.yd. 14th St. from Drexel to Independence Sts. $8,950; to M. A. Swatek, Security Bldg., gravel surfacing 2,280 sq.yd. Poplar St. from Oklahoma to Central Sts. $9,489 and concrete surfacing 1,650 sq.yd. Hickory St. from Walker St. 1 block East, $7,680. Grand total $41,926. Noted Feb. 19 and Mar. 5.

Okla., Pawhuska — Grading, curbing and asphalt on concrete surfacing 15,000 sq.yd. Dists. 34 and 35, to Tibbets & Pleasant, 209 North Nogales St., Tulsa, $83,157. Noted Apr. 16.

Okla., Pawhuska—Osage Co., grading and bituminous surfacing 6.75 mi Fairfax-Ponca City Rd., 18 ft., to Tibbetts & Pleasant, 209 North Nogales St., Tulsa. Engrs. est. $99,386. Noted Nov. 20.

Okla., Tulsa—City Clerk, **(e. e. means engrs. est.)** to Standard Paving Co., 1732 3rd St., grading and asphalt surfacing 5,880 sq.yd. 3rd, Young and Cincinnati Sts., $27,417 e. e. $29,340; 8,130 sq.yd. Norfolk and Archer Sts., $40,117 e. e. $42,600; to H. L. Cannady & Co., 1122 South Lewis St., 5,260 sq.yd. Marshall Pl., 10th and Indianapolis Sts. $25,641 e. e. $26,300, 8,440 sq.yd. 11th St., $41,890 e. e. $43,600, 7,140 sq.yd. 2nd, Frisco and Houston Sts., $37,726 e. e. $40,000. Grand total $172,791. Noted Apr. 16.

Okla., Tulsa — Tulsa Co., grading and concrete surfacing 21,120 sq.yd. College Ave., to Highway Constr. Co., 903 1st Natl. Bank Bldg., Tulsa, $59,575, engrs. est. $61,700; 16,390 sq.yd. Howard Street Rd., to Burke-Gibbs Co., Wright Bldg., $41,480, engrs. est. $43,000.

Idaho — P. E. Oxley, dist. engr., 202 Pioneer Bldg., Lewiston, grading and crushed rock surfacing 15.03 mi. North and South Highway between Grangeville and Cottonwood, Federal Aid Project 89-A, Idaho Co., to Payne & Doust, Spokane, Wash., $114,676. Noted Apr. 16.

Nevada—State Hy. Dept., Carson City, improving 19.99 mi. Battle Mountain-East County Line Rd., Federal Aid Project 92-A and B, Lander Co., 89,500 cu.yd. excav., 24,700 cu.yd. load and screen, 51,050 yd. mi. spread gravel, etc., to Maney Bros., Empire Bldg., Oklahoma City, Okla., $74,452. Noted Apr. 16.

Washington—State Rd. Dept., Olympia, to A. Beseloff, 1715 12th Ave., Seattle, improving 2 mi. Olympic Highway, State Rd. 9, Jefferson Co., 41,400 cu.yd. earth excav. at $0.39 per cu.yd., 37,600 cu.yd. loose rock excav. $0.46, 3,300 cu.yd. solid rock excav. $0.80, 3,220 cu.yd. gravel surfacing $1.40, total $57,777; to Triangle Constr. Co., Realty Bldg., Spokane, Asotin-Anatone Highway, Asotin Co., 21,950 cu.yd. earth excav. $0.24, 2,570 cu.yd. loose rock excav. $0.55, 5,450 cu.yd. solid rock excav. $1.20, 6,750 sq.yd. crushed rock surfacing $1.49, total $32,628; to Yakima Paving Co., Perkins Bldg., Tacoma, Olympic Highway State Rd. 9, Mason Co., 2,800 cu.yd. excav. $0.50, 13,320 sq.yd. full width concrete paving $2.12, 18,626 sq.yd. half width concrete paving $2.18, total $88,293; to Forbes & Wilder, Olympia, improving Inland Empire Highway, Whitman Co., 10,350 cu.yd. excav. $0.30, 4,130 cu.yd. subgrade $0.50, 63,330 sq.yd. concrete surfacing $2.08, total $155,688, Inland Empire Highway from Stetoe to Cashup, Whitman Co., 35,980 cu.yd. earth excav. $0.26, 35,827 sq.yd. concrete $2.68, etc., total $116,802. Grand Total $451,188. Noted Apr. 16.

Washington—State Hy. Dept., Olympia, grading, curbing and concrete paving 61,166 sq.yd. Dixie-Coppel Highway, State Rd. 3, Walla Walla Co., to H. G. Johnson, Walla Walla, $160,429; grading, concrete paving, etc. 10,667 sq.yd. State Rd. 3 from Yakima north to Hardy & Richings, Yakima, $54,838. Noted May 7.

Wash., Aberdeen—City Council reinforcing 500 ft. Chehalis River Blvd., to C. R. Wright, Aberdeen, $30,000.

Wash., Davenport—Comrs. Lincoln Co., crushed rock surfacing 11,200 cu.yd. Lincoln Co. Highway, to Mitchell Bros., East 127 Mission St., Spokane, $29,415.

Wash., Seattle—Bd. Pub. Wks., to R. G. Stevenson, 1327 North 34th St., improving 44th St. S. W. et al., 32,475 ft. integral concrete curbing at $0.30 per ft., 650 lin.ft. concrete sidewalks $1.80, 13,000 cu.yd. subgrade $0.50, 51,600 sq.yd. 6 in. concrete paving, etc., $1.58, total $119,146. Engrs. est. $124,032.

Wash., Seattle—Comrs. King Co., grading, concrete paving, etc., 14,623 sq.yd. 10th Ave. N. E., extension of Permanent Highway 28, to Goetz & Brennan, Seaboard Bldg., $36,448, engrs. est. $40,000; grading 41,341 cu. yd. Kirkland-Redmond Rd., incl. 25,517 lbs. reinforcing bars, 50,000 ft. timber for bridge over Sammamish River and undergrade crossing under Northern Pacific R.R. tracks east of Redmond, to Wilburn & Stone, 1100 Fairview Ave., $32,917. Noted Apr. 9.

California—State Hy. Comn., Sacramento, grading 140,000 cu.yd. Joint Highway Dist. 2, San Luis Obispo and Santa Barbara Counties, to C. W. Wimmer, Solvang, $67,302. Noted Apr. 30.

California—State Hy. Comn., Sacramento, **(e. e. means engrs. est.)**, asphalt macadam widening 6.6 mi. highway between San Pablo Creek and El Ciervo, Contra Costa Co., to Kaiser Paving Co., Amer. Bank Bldg., Oakland, $136,499, e. e. $135,058; concrete paving section state highway between San Juan Creek and Galivan, Orange Co., to Jahn & Bressi, Laughlin Bldg., Los Angeles, $160,987, e. e. $186,895; grading and surfacing 6.3 mi. highway between Leggett Valley and 2 mi. north of Rock Creek, in Mendocino Co., to Butler-Sears Co., San Pedro, $194,772, e. e. $[illegible]057; widening with portland cement and asphaltic concrete 4.4 mi. highway between Cypress Lawn Cemetery and San Bruno, San Mateo Co., to Federal Paving Co., San Francisco, $204,003, e. e. $206,130. Grand total $751,477. Noted Apr. 9 and 16.

Calif., Corona — Improving Merrill St., 7,367 cu.yds. grading, 134,200 sq.ft. oil, 25,086 sq.ft. gutters, 11,975 sq.ft. walks etc., to Stahlman-Potter Co., Riverside, $30,[illegible]26.

Calif., Los Angeles—City, **(e. e. means engineer's estimate)**, to Griffith Co., 502 Los Angeles Ry. Bldg., grading, curbing, guttering and paving 1,320 ft. O'Farrell St., $40,331, e. e. $45,800, grading, etc., 800 ft. Mesa St., etc., $3,974, e. e. $4,219, grading, curbing, asphaltic concrete paving 12,480 sq.ft. Cabrillo Ave. $3,765, e. e. $4,241; to G. Oswald, 366 East 58th St., warrenite bitulithic paving, etc., 60,687 sq.ft. Muirfield Rd. $14,734, e. e. $16,772, to G. R. Curtis Paving Co., 2440 East 26th St., 50,911 sq. yd. Cherokee Ave. $14,785, e. e. $15,688; to Struve & Miller, 927 South Burlington Ave., curbing, sidewalks, etc., on 17,098 sq.ft. Lecouvreur Ave. $5,151, e. e. $5,969; to W. Liddington, 420 East 60th St., curbing and grading 372 cu.yd. alleys west of San Pedro St. $2,907, e. e. $2,954. Grand total $85,647.

Calif., Los Angeles — Concrete paving Sherman Way between Shroup Ave. and west terminus of Sherman Way, to Ingalls & Marks, 39th St. and Western Ave., $64,315; grading and asphalt paving Boyle Ave. between 7th and 9th Sts., to Griffith Co., Railway Bldg., $46,928; grading and concrete paving portion Van Owen St., to Gibbons & Reed, 905 South Olive St., $62,715; asphaltic concrete paving Ascot Ave. between Vernon and 53rd Sts., to G. R. Curtis Co., 2440 East 26th St., $30,905. Grand total $209,863.

Calif., Monterey—City, curbing, guttering and 5 in. macadam paving 400,000 sq.ft. Cypress, Lily Sts., etc., to J. L. Connor, P. O. Box 565, Santa Cruz, $82,025. Noted Apr. 30.

Calif., Richmond—Paving, etc., Florida, Ohio and Center Sts., etc., to Richmond Paving Co., Richmond, $121,132.

Calif., Santa Rosa—Supervs. Sonoma Co. consrtucting Sect. C-Santa Rosa-Guerneville Rd., 465,033 sq.ft. 2 in. Willite asphalt on 3 in. asphaltic concrete paving, 26,300 cu.yd. excav., etc., to A. Teichert & Sons, 1846 37th St., Sacramento, $116,869. Noted Oct. 9.

Calif., Turlock—190,000 sq.ft. grading $0.035 per sq.ft., 155,000 sq.ft. 1½ in. Warrenite bitulithic on 3 in. asphaltic concrete $0,209, etc., to A. Teichert & Sons, 1846 37th St., Sacramento, improving 3rd, 5th, C Sts., etc. Noted Apr. 30.

Calif., Venice—Concrete paving, etc. 38,000 sq.ft. Rialto Court, to J. Tomei, Culver City. $31,276.

Que., Hull — Standardite paving Laurier Ave., St. Laurent, Redemption, and Kent Sts., to Standard Paving Co., Central Chambers, Elgin St., $69,985. Engrs. est. $57,000.

Ontario — Dept. Provincial Highways, Toronto, concrete paving 9 mi. Longwoods Rd. from Melbourne to Strathburn, to Boss & Brazier, World Bldg., London. Engrs. est. $250,000.

B. C., Golden—Minister Pub. Wks., Victoria, grading, etc., 4 mi. Golden-Yoho Park Rd., here, to Cotton Co. Ltd., False Creek Yards, Vancouver, $100,000. Noted Apr. 23.

SEWERS.

Buildings—Industrial

PROPOSED WORK

Pa., Johnstown—PLANT—Cambria Steel Co., E. G. Grace, pres., plans improving plant, incl. 70 coke ovens in Franklin Wks., $2,500,000; also constructing car shop department $500,000.

N. C., Sanford—PLANT—Borden Brock & Tile Co., c/o Chamber of Commerce, plans plant, with 150 tons capacity hollow tile per day. $200,000.

N. C., Wendell—MILL—Local Citizens raised $250,000 and plan 15,000 spindle cotton mill. R. B. Whittley, M. C. Todd and R. E. Richardson, all of Wendell, are interested.

Ala., Sheffield—PLANT—J. R. Scott, and associates, 616 East Gate Ave., St. Louis, Mo., recently organized at Sheffield the Colbert Lime Rock Asphalt Co., and plans large lime rock asphalt plant, in Colbert Co., near here. $100,000.

La., New Orleans—PLANT—Louisiana-Mississippi Co-operative Milk Producers Assn., I. S. West, secy., 326 Baronne St., plans new unit to distributing plant. $300,-

Buildings—Industrial (Continued)

000 incl. equipment. Engineer and architect not selected.

La., Ruston—PLANT—Cooke & Reynolds, owners of Lincoln Ice & Cold Storage Co., plans rebuilding plant recently destroyed by fire. $60,000.

Tenn., Humbolt — POWER PLANT — Voted $75,000 bonds for improving power plant and paving various streets.

O., Cleveland—FACTORY—Morreau Co., H. A. Kelly, secy., 1303 Oregon Ave., plans rebuilding 3 story, brick and steel factory, 1303 Oregon Ave. $40,000. Engineer and architect not selected.

O., Cleveland—FACTORY—Mueller Electric Co., c/o R. S. Mueller, 1583 East 31st St., had plans prepared by G. S. Rider & Co., Century Bldg., 1 story, brick and steel top addition. $40,000.

O., Cleveland — FACTORY — Parr Paint & Color Co., 665 East 103rd St., had plans prepared by A. C. Bishop & Co., Guardian Bldg., 3 story and basement, 40 x 80 ft., brick and steel, Syracuse Ave. $50,000.

O., Cleveland — FACTORY — Sabin Machine Co., H. B. Sabin, pres., 6536 Carnegie Ave., 3 story and basement, 45 x 90 ft., brick and steel addition, to J. Grant & Son, 4500 Euclid Ave. Archts. est. $50,000. Noted Apr. 16.

O., New Philadelphia — MILL — Canton Bridge Co., Belden and 10th St., N. E. plans fabricating mill here. G. C. Hines, pres.

Mich., Bellaire — POWER HOUSE — Plans hydraulic power house wasteway, highway bridge, etc. Ayers, Lewis, Norris & May, Cornwall Bldg., Ann Arbor, engrs.

Mich., Detroit—FREIGHT TERMINAL—Detroit Ry. & Harbor Terminals Co., Buhl Bldg., having plans prepared by A. Kahn, 1000 Marquette Bldg., 8 story, 180 x 650 ft., rein.-con. terminal warehouse, dock, cold storage plant, power plant, etc., West Jefferson Ave. $4,500,000.

Ill., Chicago — FACTORY — Beardsly & Piper Co., 2541 North Keeler Ave., plans 2 story, 290 x 300 ft., concrete and brick, plain foundation, 2541 North Healy St. $100,000.

Ill., Chicago—FACTORY—Galand Upholstering Co., 1244 North Clark St., having plans prepared by Halperin & Braun, 19 South La Salle St., 3 story, 50 x 125 ft., rein.-con. and brick, plain foundation, 226 Schiller St. $60,000.

Wis., Alma Center—CREAMERY—Alma Center Creamery Co., having plans prepared by Small & Flad, Ellsworth Bldg., Madison, 1 story, 60 x 66 ft., brick and rein.-con., plain foundation. $40,000.

Wis., Burkhardt — HYDRO-ELECTRIC POWER PLANT—See "Dams."

Wis., Marshfield—PLANTS—Felker Bros. Mfg. Co., plans 2 story, brick manufacturing plant. Engineer and architect not selected.

Wis., Park Falls—SAW MILL—Park Falls Lumber Co. owned by E. Hines Lumber Co., 2431 South Lincoln St., Chicago, Ill., plans rebuilding saw mill recently destroyed by fire. $200,000 loss. Engineer and architect not selected.

Neb., Bloomfield—PLANT—Election May 26, $50,000 bonds electric light plant and distribution system.

Mo., Kansas City—FACTORY—Liberty Garment Co., A. B. Passman, 412 West 8th St., pres., having preliminary plans prepared by S. B. Tarbet, 507 Continental Bldg., 4 story and basement, 100 x 120 ft., brick, plain foundation, Bway. Approximately $100,000.

Mo., Kennett—PLANT—A. B. Smith Lumber Co. plans rebuilding lumber plant, recently destroyed by fire. $225,000.

Mo., St. Joseph—PLANT, GARAGE, etc. Marland Refining Co., Ponca City, R. J. Brown, local mgr., having preliminary plans prepared and takes bids about June 1, barreling plant, garage, etc. $100,000. Private plans.

Mo., St. Louis—SLAUGHTER HOUSE—Laclede Packing Co., 2025 Shenandoah Ave., having preliminary plans prepared by Koerner Eng. Co., archts. and engrs., Syndicate Trust Bldg., 1 story, 18 x 36 ft., rein.-con., 2238 McNair Ave.

Tex., Dallas—PLOW FACTORY—Atlanta Plow Factory, 1200 Metta, C. L. King, pres., plans plow factory. $1,000,000. Engineer and architect not selected.

Tex., Wellington—POWER PLANT—C. B. Meyers, Oklahoma City, Okla., plans power plant and equipment, here. $60,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, Okla., engrs.

Tex., Whitesboro — COTTON GIN — Stewart & Plemons plan 5 stand 80 saw type cotton gin. $40,000. Engineer and architect not announced.

Okla., Hinton — PLANT — Election soon $30,000 bonds, improving electric light plant. Benham Eng. Co., Gumbel Bldg., Kansas City, Mo., engrs.

RE-LOCATION OF RAILROAD—WANAQUE, N. J.

Following are lowest three bids opened by North Jersey District Water Supply Comn., May 7, for re-location of the Erie R.R., (A) Winston & Co., 342 Madison Ave., New York City; (B) Wilson & English, 50 Church St., New York City; (C) Parker & Graham. The unit bids are as follows:

	A	B	C
85,000 cu.yd. earth excavation	$0.65	$1.00	$0 95
70,000 cu.yd. rock excavation	1.50	2.70	2 00
520,000 cu.yd. earth borrow	.50	.55	575
90,000 cu.yd. riprap	1.20	.60	1 20
500 cu.yd. surfacing	2.50	2.00	2 00
9,000 cu.yd. concrete	12 00	9 00	12 00
2,500 cu.yd. reinforced-concrete	18 00	18.00	18 00
1,000 cu.yd. paving	7 00	3.00	6 50
1,000 cu.yd. sand and gravel	2 50	3.00	1 50
7,000 sq.yd. gravel surfacing	1.00	1.00	1 25
16,000 bbl. cement	2.90	2.75	3 00
20 tons structural steel	200.00	120.00	175 00
100,000 lb. reinforcing steel	.06	.06	.06
3,000 ft. 6-in. steel pipe	1.00	1.00	1 50
16,000 lb. cast iron and wrought iron	.08	.125	10
150,000 ft. timber	140.00	140.00	95 00
50,000 ft. placing timber	60 00	60.00	30 00
Raising bridge (lump sum)	8,000 00	5,000 00	6,000 00
60 tons erecting steel	110 00	40 00	70
Extended totals	$797,680	$842,800	$888,050

Okla., Tulsa — FACTORY — Wisconsin Acid Co., c/o Chamber of Commerce, Tulsa, making preliminary plans 2 story acid plant, West Tulsa St. $350,000. Engineer and architect not selected.

Ore., West Linn — MILL — Crown Willamette Paper Co., Pittoch Bldg., Portland, 4 story, 100 x 100 ft., rein.-con., solid rock and concrete foundation, Willamette River, to A. Guthrie & Co., Sherlock Bldg., Portland. Archts. est. $200,000.

Calif., Los Angeles—FACTORY—Angeles Shoe Polish Co., 227 East 6th St., having plans prepared by Morgan, Walls & Clements, Van Nuys Bldg., 4 story, 50 x 150 ft., rein.-con., Wall St.

Calif., Merced — FACTORY — Merced Tomato Products Co. had plans prepared by Moran Co., Room 6, Kerckhoff Bldg., Los Angeles, 2 story, 80 x 100 ft., rein.-con. and timber canning factory. $75,000.

Calif., San Diego—WAREHOUSE, etc.—Crane Co., 345 4th St., purchased 100 x 300 ft. site and plans fireproof branch warehouse and sales room, India St. between B and C Sts.

Calif., San Francisco—FACTORY—Phila. Storage Battery Co., 37 Spear St. ,having plans prepared by Ashley & Evers, 58 Sutter St., 2 story, 60 x 150 ft., brick and concrete, Fremont St. $45,000.

Calif., San Francisco — FACTORY — Pacific Box Factory, Beach and Taylor Sts., plans rebuilding factory, recently destroyed by fire. To exceed $100,000.

B. C., Burnaby—REFINERY—Union Oil Co. of California, c/o R. J. Kenmuir, agt., 402 Pender St. W., Vancouver, purchased 45 acres land for new oil refinery, on Burrard Inlet, here.

BIDS DESIRED

Mass., Brighton (Boston P. O.)—PLANT—Electric Storage Battery Co. ,720 Beacon St., Boston, taking bids 1 and 2 story, 135 x 274 ft., brick and stone plant, storage battery station and office building, plain foundation, Ashford St., here. To exceed $100,000. Bigelow & Wadsworth, 3 Hamilton Pl., Boston, archts.

Mass., Cambridge (Boston P. O.)—FACTORY — Cambridge Rubber Co., 748 Main St., taking bids 4 story, 80 x 100 ft., rein.-con. and brick, Main and Windsor Sts. $125,000. J. R. Worcester Co., 79 Milk St. Boston, engrs. Noted Apr. 2.

Mass., Medford (Boston P. O.)—REPAIR and SERVICE GARAGE—Boston Elevated Ry. Co., Park Sq., Boston, taking bids 1 story, 112 x 120 ft., brick and steel, Salem St. $120,000. Private plans. Noted Apr. 16.

Mass., Newtonville (Boston P. O.)—REPAIR and SERVICE GARAGE—A. C. Stuart Co., c/o L. Mambersger, Winter St., Boston, taking bids 1 story, 146 x 150 ft., brick repair and service garage. Private plans.

Ill., Chicago — PLANT — B. B. Kurzon, archt., 30 West Dearborn St., taking bids 1 story, 79 x 150 ft.. brick and stone, plain foundation, 1339 East 63rd St., for Michigan Cleaners & Dyers, 3511 South Halstead St. $90,000.

Wis., Superior—BAKERY—June 10, by H. Zinsmaster, Mgr., Zinsmaster Bread Co., 283 West 1st St., Duluth, Minn., 2 story, 75 x 100 ft., brick and concrete, concrete pile foundation, Ogden and Winter Sts., here. $100,000. Private plans.

Minn., Duluth—PLANT—June 1, Universal Portland Cement Co., Morgan Park, R. S. Huey, supt., additions, incl. steel stack, 18 ft. wide, 300 ft. high for cement plant, Morgan Park. $250,000. D. W. Coy, 1417 Morse Ave., Chicago, Ill., engr. and archt.

Calif., Sacramento—WAREHOUSE and OFFICE—R. A. Herold, archt., Forum Bldg., taking bids 2 story, brick and concrete, 22nd and R Sts., for G. H. Tay, 165 8th St., San Francisco. $100,000. Noted Apr. 9.

Que., St. Jerome—POWER HOUSE—W. E. H. Dyer, engr., Land Title Bldg., Phila., Pa., taking bids 1 story, 26 x 46 ft., brick and steel power house, 6 x 125 ft. brick chimney, one 506 hp. Babcock & Wilcox boiler, here, for Regent Knitting Mills, St. Jerome.

CONTRACTS AWARDED

Me., Waterville—REPAIR SHOP—Maine Central R.R., 222 St. John St., Portland, 1 story, 100 x 109 ft., brick and steel, here, to H. Purinton Co., 65 Temple St. Archt. est. $40,000. Noted May 7.

Mass., Reading — PLANT — Dennison Organ Pipe Co., D. F. Dennison, pres., 1 story, 40 x 110 x 30 x 40 ft. plant, to Austin Co., 120 Bway., New York City.

N. Y., Mineola—PLANT—International Motors Co., 25 Bway., New York City, 2 story, rein.-con. and steel assembly plant, plain foundation, Jericho Turnpike, here, to P. Krug, Mineola. Engrs. est. $55,000.

N. Y., Schenectady—PLANT—Amer. Locomotive Co., 30 Church St., New York City, 1 story, rein.-con., brick and steel, plain foundation, to Browne & Lowe Co., 16 Foster Ave. Archts. est. $135,000.

Pa., Pittsburgh — FACTORY — W. E. Moore Co., 32nd and Putney Sts., general contract 1 story, 100 x 200 ft. manufacturing building, to W. W. Kratzer Co., 3412 Smallman St.

Pa., Pittsburgh—SHOP—Standard Sanitary Mfg. Co., Bessemer Bldg., general contract 5 story and basement warehouse and pipe shop, Manchester Blvd. and South Ave., to J. F. Love Co., Arrott Bldg.

O., Cleveland—FACTORY, etc.—Elyria Iron & Steel Co., H. B. Wick, pres., 232 East 131st St., Cleveland, two 1 story, 42 x 60 ft., and 160 x 160 ft., brick, steel and concrete factory additions, 1 story, 70 x 100 ft. garage, and 40 x 50 ft. storage and boiler house, to A. A. Lane Constr. Co., 1869 East 55th St. Archts. est. $200,000. Noted Mar. 5.

O., Cleveland—PLANT—Herald Publishing Co., 2380 West 7th St., 3 story, 40 x 50 ft., brick and steel addition, to J. G. Woide, 1659 East 86th St. Archts. est. $40,000. Noted Apr. 30.

O., Cleveland — SUB-STATION — Cleveland Electric Illuminating Co., c/o J. Wolf, Illuminating Bldg., 1 story, 37 x 78 ft., brick, steel and concrete, 3531 East 142nd St., to S. W. Emerson Co., 1836 Euclid Ave. Archts. est. $60,000.

Mich., Ontonagon — MILL — Ontonagon Fibre Co., D. Everst, pres., 601 McIndoe St., Wausau, Wis., 3 story, 77 x 140 ft., concrete and brick addition, plain foundation, here, to W. F. Milford, Calumet.

Mich., Pontiac — PLANT — Fisher Body Corp., 2 story, 126 x 154 ft., rein.-con. and brick addition, Baldwin Ave., to Utley Constr. Co., Pontiac, about $175,000.

Ill., Granite City — PLANT — Massey Bros. Dairy Co., 20th and I Sts., 1 and 2 story, 61 x 120 ft., rein.-con. and brick, 20th and Madison Sts., to S. M. Wilson, 1925 State St., Granite City. Archts. est. $60,000. Noted Feb. 26.

Wis., Kewaunee—FACTORY—Kewaunee Mfg. Co. will build 3 story, 52 x 140 ft., brick and timber factory, plain foundation, by day labor. Private plans.

Wis., Madison—PLANT—French Battery Co., 2317 Winnebago St., 1 story, 106 x 302 ft., brick, rein.-con. and steel, plain foundation, to G. Nelson, 1117 West Johnson St. Archts. est. $40,000. Noted Apr. 30.

Wis., Madison—PLANT—J. R. and E. J. Law, archts., 1st Central Bldg., 2 story, 60 x 88 ft., brick, concrete and steel print-

Buildings—Industrial (Continued)

ing plant, to J. H. Findorff & Son, 601 West Wilson St., for State Journal Printing Co., 115 South Carroll St. Engrs. est. $40,000. Noted May 7.

Wis., Racine—FACTORY—Andis Clipper Co., 417 Lake Ave., 2 story, 116 x 120 ft., brick and steel factory, plain foundation, to A. C. Kappel, 526 Wisconsin St. Archts. est. $45,000.

Wis., Wausau—MACHINE SHOP, etc.—E. Helmke, 802 South 8th Ave., will build 1 story, brick and steel machine shop and foundry, 12th Ave., by day labor. $40,000. Private plans.

Mo., St. Louis — FACTORY — Multiplex Faucet Co., 2126 Cass Ave., 2 story and basement, 80 x 160 ft., brick and concrete, Duncan Ave., to L. A. O'Keefe, 2122 Pine St. Archts. est. $75,000. Noted May 14.

Mo., St. Louis—FACTORY—Johnson, Stephens & Shinkle Shoe Co., 4242 Laclede Ave., 2 story and basement, 50 x 182 ft., rein.-con. and brick, Forest Park Blvd., to T. J. Manahan, 4127 Gratiot St. Archts. est. $100,000.

Mo., St. Louis—LAUNDRY—Atlas Laundry Co., 2713 Park Ave., 1 story and basement, 88 x 96 ft., brick and concrete addition, 2713-19 Park Ave., to Neier & Meng, 1939 Marion St.

Ark., Fayetteville—FACTORY—Phillips Box Co., 20 East Center St., will build concrete and brick addition, incl. power equipment, East Center St., by day labor. Private plans. $75,000.

Calif., Los Angeles—REPAIR SHOP and GARAGE—Western Auto Supply Co., 517 East 7th St., for five 1 story, brick repair shop and garage quarters, 7th St., to J. M. Cooper, Van Nuys Bldg., $55,000.

Calif., Patterson—CREAMERY—Mutual Creamery Co., 180 x 245 ft. creamery, brick, to W. Knutson, Patterson, approximately $55,000.

Calif., Wasco — SHOPS — Wasco High School Dist., manual training shops, to F. H. Dequine, Shafter, approximately $45,250.

Ont., Windsor — FACTORY — Sterling Products Co., 937 Elliott St., constructing factory, to Strain & Emery, Dowler Bldg. Archts. est. $150,000.

Buildings—Commercial

PROPOSED WORK

Mass., Attleboro—STORE and CLUB—Lodge of Elks, having plans prepared by O'Malley Fitzsimmons Co., Fanning Bldg., Pawtucket, R. I., 3 story and basement, 85 x 147 ft., brick and limestone. $150,000.

Mass., Boston — APARTMENT — E. N. Wyner, 18 Tremont St., plans 10 story and basement, 15,000 sq.ft. floor space, brick and stone, Newbury and Arlington Sts. $2,000,000. Engineer and architect not selected.

Mass., Cambridge (Boston P. O.) — APARTMENT HOTEL—E. N. Wyner, 18 Tremont St., Boston, having revised plans prepared by G. N. Jacobs, 4 Park St., Boston. Hotel Roosevelt, 10 story and basement, brick, steel and limestone, plain foundation, Harvard Sq., here. $1,000,000.

Mass., Cambridge (Boston P. O.) — DORMITORY — Harvard University, A. L. Lawrence, pres., having plans prepared by Coolidge, Shepley, Bulfinesh & Abbott, Ames Bldg., Boston, Strauss Dormitory, 4 story and basement, brick and stone, plain foundation. To exceed $150,000.

Mass., Worcester—HOSPITAL—Memorial Hospital, Belmont St., raising funds to exceed $150,000 and having sketches made 4 story and basement nurses' home and 1 story hospital addition, brick. Fuller & Delano Co., 44 Front St., archts. Kendall Taylor & Co., 142 Berkley St., Boston, consult. archts.

N. Y., Creedmoor (Jamaica P. O.)—HOSPITAL — State Hospital Comn., Albany, takes bids about June 1, one employees, two hospital, one cold storage and one administration buildings, also nurses home, here, for Brooklyn State Hospital. S. W. Jones, Albany, state archt.

N. Y., New York—APARTMENT HOTEL—J. Goldstein and I. Teitelbaum, c/o G. F. Pelham, archt. and engr., 200 West 72nd St., having plans prepared 15 story, 75 x 105 ft., brick, steel and stone, plain foundation, 242 West 76th St. $2,000,000.

N. Y., New York — CLUBHOUSE — New York Athletic Club, 58 West 59th St., purchased site and plans 15 story clubhouse, swimming pool, etc., 7th Ave. from 58th to 59th Sts., $4,000,000. Engineer and architect not selected.

N. Y., New York—HOTEL—Hotel Bellclaire, 77th St. and Bway., having plans prepared by L. A. Abramson, archt. and engr., 48 West 46th St., altering 10 story, brick, steel and stone, plain foundation, 77th St. and Bway. $200,000.

N. Y., New York—SALES and SERVICE—E. Roth, archt. and engr., 119 West 40th St., having plans prepared 4 story, 100 x 300 ft., brick, steel and stone, plain foundation, 17 East 102nd St. $250,000. Owner's name withheld.

N. Y., Rome — DORMITORIES — State Hospital Comn., Albany, takes bids about June 1, two 3 story, 60 x 200 ft. dormitories, for State School of Mental Defection, here. S. W. Jones, state archt.

N. J., Atlantic City — HOTEL — N. J. Collins, c/o Ritter & Shay, archts., Packard Bldg., Phila., Pa., having sketches made Pennsylvania Hotel, Pennsylvania Ave and Boardwalk, here.

N. J., Atlantic City—HOTEL—Atlantic & Brigantine Hotel & Pier Co., c/o MacLanahan & Benckert, archts., Bellevue Court Bldg., Phila., Pa., plans hotel, here.

N. J., Jersey City—POLICE STATION—Bd. City Comrs., City Hall, soon takes bids 2 story, brick, steel and stone, plain foundation. $500,000. C. H. Ziegler, 75 Montgomery St., engr. and archt.

N. J., Newark—OFFICE—Lincoln Building Corp., c/o F. Grad, archt. and engr., Broad St., having plans prepared 12 story, brick, steel and stone, plain foundation, Broad St. $1,000,000.

Pa., Charleroi — BANK — Hopkins & Dentz, archts., 415 Lexington Ave., New York City, soon lets contract 1 story basement and mezzanine, 64 x 120 ft., brick and steel, plain foundation, for Bank of Charleroi Trust Co. $150,000.

Pa., Phila.—HOTEL, CLUB and OFFICE—Emergency Aid of Phila., J. W. Martin, acting chn., 21 Walnut St., having plans prepared by A. L. Hermon, 3 West 29th St., New York City, 14 story and basement, 54 x 85 ft., brick and steel, plain foundation, 20th and Samson Sts. $850,000. Noted May 14.

Pa., Phila. — WAREHOUSE — W. E. S. Dyer, engr., Land Title Bldg., soon lets contract 7 story and basement, 36 x 63 ft., brick and steel, plain foundation, for A. S. Datz & Son, Marshall St., near Market St.

Md., Baltimore—APARTMENT—Arcadia Building Corp., c/o F. J. and J. H. Thuman, archts., 803 Park Ave., postponed till the fall, construction 4 story apartment, Harford Rd. and Parkside Dr. $150,000. Noted Mar. 12.

Md., Baltimore—OFFICE and STORE—Mutual Life Insurance Co., 15 South St., having plans prepared by Parker, Thomas & Rice, Union Trust Bldg., 6 story and basement, 75 x 175 ft., brick and steel, plain foundation, Charles and Chase Sts. $300,000.

W., Va., Buckhannon — HOTEL — Buckhannon Hotel Co., having plans prepared by Holmboe & Poque, Clarksburg, 5 story and basement, 60 x 134 ft., brick and steel hotel. $200,000.

Ga., Augusta—HOTEL—Bon Air-Vanderbilt Hotel, A. E. Martin, mgr., plans hotel, incl. medicated baths, swimming pool, etc. $200,000.

Fla., Avon Park—HOTEL—Avon Investment Co. having plans prepared by W. Heim, 3 story, 120 x 220 ft., brick hotel, Main St. $250,000.

Fla., Bradentown—HOSPITAL—Larrabee Hospital, Inc., having plans prepared by A. C. Price, brick hospital. $150,000.

Fla., Clearwater—HOTEL—Lloyd, White & Skinner Co. having plans prepared by R. E. Smallwood, Clearwater, for Beach Island Hotel. $700,000.

Fla., Ft. Lauderdale — COURT HOUSE and JAIL—Broward Co. election May 19, $500,000 bonds, for court house and jail. F. A. Bryan, co. clk.

Fla., Ft. Lauderdale—HOTEL—G. F. Croissant and associates, purchased site and plan Croissantinia hotel. $300,000.

Fla., Jacksonville — OFFICE — Title & Trust Co., Realty Bldg., plans office building, Newman and East Forsyth Sts. $750,000. H. C. Mann, pres.

Fla., Ocala — HOTEL — Hackenbury System, Inc., 300 North 3rd St., plans hotel. $500,000.

Fla., St. Petersburg—HOTEL and STORE—H. H. Love having plans prepared by Leitner & Talley, 2nd Ave. and 2nd St. S., 2 story, steel, 2nd St. and 2nd Ave. S. $400,000.

Fla., Titusville — HOTEL — Titusville Hotel Corp. having plans prepared by L. King, Orlando, 7 story, 70 x 150 ft. hotel, Washington and Pine St.

La., Shreveport—EXCHANGE—Cumberland Telephone & Telegraph Co., F. Colvert, dist. mgr., having revised plans prepared by Mayre, Alger & Alger, 801 Walton Bldg., Atlanta, Ga., 4 story, rein.-con. and brick, McNeil and Crockett Sts. $400,000.

Tenn., Memphis—STORES, etc.—A. G. Hodgson, Waukegan, Wis., c/o White & Co., 25 South 2nd St., having tentative plans prepared 4 story building, Madison St. near 3rd St. $250,000.

Ky., Louisville—OFFICE—F. G. Brown, 32nd and Market Sts., plans 14 story and basement, 95 x 180 ft., rein.-con. and brick, Bway. and 3rd Sts. $2,500,000.

O., Athens — CITY HALL — Defeated $165,000 bonds for city hall to include auditorium. Noted Mar. 5.

O., Canton — GARAGE — Peerless Auto Sales Co., 421 Cleveland Ave. N. W., plans 2 story and basement, 100 x 150 ft., Walnut and 3rd Sts. $150,000.

O., Cleveland — COMMERCIAL and MARKET HOUSE — Collinwood Market House, c/o W. S. Watts, archt., 4417 Woburn Ave., had plans prepared 1 story, 90 x 220 ft., brick, steel and concrete, East 156th St. and Waterloo Rd. $150,000.

O., Cleveland — COMMERCIAL and APARTMENT—R. A. Boccia, 3471 Rocky River Dr., had plans prepared by H. W. Grieme, Engineers Bldg., 3 story and basement, 82 x 142 ft., brick and timber, West 100th St. and Denison Ave. $150,000.

O., Cleveland — COMMERCIAL—Huron-Ninth-Prospect Co., c/o J. F. Steffens, archt., Fidelity Mortgage Bldg., soon lets contract 3 story and basement, 61 x 196 ft., brick, steel and concrete, East 9th St. and Huron Rd. $300,000. Noted Sept. 11.

O., Cleveland Heights (Warrensville P. O.) — APARTMENT — H. Caplan, 3459 East 123rd St., Cleveland, having prepared by A. F. Janowitz, 811 Prospect Ave., Cleveland, 3 story and basement, 96 x 103 ft., brick and timber, Hampshire and Coventry Rds., here. $150,000.

O., Columbus — BANK and OFFICE — Ohio State Savings Assn., Outlook Bldg., East Broad St., having plans prepared by Simons, Brittain & English, Pembroke Bldg., 8 or 12 story and basement, 42 x 118 x 125 ft., rein.-con. and brick, 3rd and Gay Sts. $400,000.

O., Lima—BANK and OFFICE—Lima Trust Co., Market and Public Sq., plans 10 story and basement, brick, steel and concrete bank and office building. $1,000,000.

O., Ravenna — MASONIC TEMPLE — Ravenna Masons plan 3 story and basement, 50 x 100 ft., brick, steel and concrete, Walnut St. $150,000.

O., Youngstown — DEPOT — New York Central R.R., c/o G. C. Cleveland, West 3rd St. and St. Clair Ave., Cleveland, having plans prepared by Fellheimer & Wagner, 7 East 42nd St., New York City, 1 and 2 story, brick, steel and concrete. $200,000.

Ill., Chicago—APARTMENT—Rosenberg & Newhouse, 4623 Drexel Ave., having plans prepared by Newhouse & Bernheim, 4623 Drexel Ave., 3 story and basement, 180 x 480 ft., brick and stone, plain foundation, South Shore Dr. $400,000.

Ill., Chicago—APARTMENT HOTEL—H. LaBade, 118 West La Salle St., having sketches made by W. H. Pruyn, Jr., 122 South Michigan Ave., 3 story and basement, 120 x 230 ft., brick and stone, plain foundation, 46th and Woodlawn Sts. $300,000.

Ill., Chicago — BANK — Western Natl. Bank, J. B. Gottle, pres., c/o H. E. Stevens, archt., 4022 West Madison St., having plans prepared 4 story and basement, 32 x 112 ft., rein.-con., brick and terra cotta. 220 West 63rd St. $200,000.

Ill., Chicago—LODGE and STORE—Independent Order of Vikings, c/o O. G. Nelson, 727 Maple St., Blue Island, having plans prepared by Lindbald & Carlson, 155 North Clark St., 3 story and basement, 100 x 125 ft., brick and stone, plain foundation. 6900 Emerald St. $250,000.

Ill., Chicago—STORE and LODGE—I. O. O. Scithoid Lodge, c/o Michaelson & Rognstad, archts., 3815 West Congress St., plans 4 story and basement, 75 x 144 ft., brick and stone, plain foundation, Racine and Clark Sts. $200,000.

Ill., Chicago—STORE and OFFICE—City Furniture Co., 6160 South Halsted St., having plans prepared by A. Epstein, engr. and archt., 2001 West Pershing Rd., 4 story and basement, 125 x 125 ft., rein.-con., brick and terra cotta, plain foundation, 6300 South Green St. $500,000.

Ill., Moline — HOSPITAL — Evangelical Lutheran Augustana Synod Hospital, E. Dahlgren, R. N., supt., having preliminary plans prepared by Cervin & Horn, Rock Island, fireproof hospital addition, 5th Ave. and 5th St. $350,000 up.

Buildings—Commercial (Continued)

Wis., Madison — THEATRE — Beecroft Building Co., 6 West Mifflin St., having plans prepared by C. W. and G. L. Rapp, 190 North State St., Chicago, Ill., 125 x 130 ft., concrete, stone and terra cotta, concrete pile foundation, State St. $750,000. Noted Apr. 23.

Wis., Merrill — HOSPITAL — Sisters of Holy Cross, M. Regli, in charge, and Parkinson & Dockendorff, archts., Linker Bldg., La Crosse, soon take bids 3 story and basement, 52 x 150 ft., brick and concrete, plain foundation. $150,000. Noted Sept. 4.

Wis., Milwaukee—APARTMENT—S. Ettenheim & Sons, 209 Grand Ave., plan 3 story and basement, brick and concrete addition, Kane Pl. $150,000. Engineer and architect not selected.

Wis., Milwaukee — BUSINESS — J. B. Olinger, 194 3rd St., having preliminary plans prepared by Leiser & Holst, 105 Wells St., 9 story and basement, brick and concrete, plain foundation, 3rd St., and top addition to adjoining building. $350,000.

Wis., Milwaukee — HOTEL — F. A. Schaetzke, 1385 Lake Dr., having plans prepared by C. J. Keller & Son, 432 Bway., 4 or 6 story and basement, 67 x 90 ft., and 47 x 85 ft., brick and rein-con., plain foundation, State St. $300,000.

Wis., Milwaukee — THEATRE — A. H. Kienappel, archt., 445 Milwaukee St., made plans and soon takes bids 2 story and basement, 60 x 120 ft. and 62 x 90 ft., rein.-con. and brick, plain foundation, 8th Ave., for A. H. Bartlett, 1350 8th Ave. $150,000.

Ia., Cedar Rapids — MEMORIAL — Election in June $800,000 bonds, for 3 story and basement, 160 x 270 ft., rein.-con., brick and stone veterans hospital. L. E. Storey, city clk. Noted Mar. 19.

Minn., Minneapolis — TEMPLE — Minneapolis Labor Temple Assn., c/o J. W. Simcoe, 1100 24th Ave. N., having plans prepared by Croft & Boerner, 1004 Marquette Ave., 3 story and basement, rein.-con. and brick, 7th St. and 4th Ave. $300,000.

Minn., St. Paul — HOSPITAL and NURSES HOME — St. Paul Hospital Lutheran Society, J. E. Haugan, pres., having plans prepared by S. Jacobson, 403 Endicott Bldg., 5 story and basement, 140 x 210 ft., rein.-con., brick and stone, Robert St. and University Ave. $300,000.

Kan., Ft. Scott — OFFICE — Western Automobile Co., takes bids about July 15, 5 story and basement, 75 x 120 ft., rein.-con. and terra cotta office building. $200,000. Holt, Price & Barnes, 800 Davidson Bldg., Kansas City, archts. Noted Apr. 30.

Kan., Winfield—CITY HALL and AUDITORIUM—Defeated $175,000 bonds for city hall and auditorium. Noted Apr. 30.

Neb., Grand Island—APARTMENT—W. Boyll, having plans prepared by C. J. Bowell, Dolan Bldg., 3 story and basement, 70 x 112 ft., rein.-con. apartment. $150,000.

Neb., Grand Island—TEMPLE—Masonic Temple Assn., c/o V. McCracken, having plans prepared by Kirschke & Baker, Ryan Bldg., 7 story and basement, 53 x 84 ft., brick and rein.-con. temple. $150,000.

Neb., McCook — STATION and HEADQUARTERS—Chicago, Burlington & Quincy R.R. Co., 547 West Jackson Blvd., Chicago, Ill., plans railroad station and headquarters, here. $200,000. A. W. Newton, ch. engr.

Mo., Clayton—COURT HOUSE—St. Louis Co. defeated $715,000 bonds for 2 story and basement courthouse. Klipstein & Rathman, Chemical Bldg., St. Louis, archts. Noted Apr. 2.

Mo., Kansas City—APARTMENT HOTEL—J. A. Horigan, 216 Merchants Bank Bldg., having plans prepared by J. O. Hogg, 100 Walsix Bldg., 8 story and basement, 60 x 140 ft., rein.-con., plain foundation, 31st St. near Main St. $250,000.

Mo., Kansas City — DANCE HALL and GARAGE — G. H. Siedhoff, Broadview Hotel, Wichita, Kan., having plans prepared by Shephard & Wiser, 1208 R. A. Long Bldg., 3 story and basement, 108 x 157 ft., rein.-con., brick and terra cotta dance hall and garage, here.

Mo., Kansas City—HOTEL—B. Goodman of Quality Builders, Inc., Commerce Bldg., having plans prepared by N. E. Peters, 2820 Harrison St., 9 story and basement, 76 x 140 ft., brick, plain foundation, 1205 Bway. $750,000.

Mo., Kansas City — OFFICE — DeVere Dierks et al, Gates Bldg., having plans prepared by Holt, Price & Barnes, 800 Davidson Bldg., 5 to 10 story, 98 x 115.5 ft., steel top addition, 10th St. and Grand Blvd. $325,000-$650,000.

Mo., Kansas City—STORE, etc.—R. Keith Furniture & Carpet Co., R. Keith, pres., 1101 Grand Ave., having plans prepared by Holt, Price & Barnes, 800 Davidson Bldg., 8 story and basement, 100 x 107 ft., rein.-con., brick and stone, plain foundation, 13th and Baltimore Sts. $400,000 or more.

Mo., St. Louis—CLUB—St. Louis Club, c/o W. F. Carter, chn. Boatmens Bank Bldg., soon takes bids 6 story and basement, 200 x 216 ft., rein.-con., brick and Bedford stone clubhouse incl. swimming pool, etc., Kingshighway at Maryland St. Mauran, Russell & Crowell, Chemical Bldg., archts.

Mo., St. Louis — STORE, etc. — Stocke-Peterman Furniture Co., 2719 North 14th St., had plans prepared by McMahon & Boulicault, 817 Buder Bldg., and soon takes bids 4 story and basement, 75 x 120 ft., rein.-con., brick and stone, Union St. and Natural Bridge Ave. $175,000. Noted Oct. 9.

Mo., St. Louis—EXCHANGE—Southern Bell Telephone Co., Bway. and Locust Sts., plans 3 story and basement, 90 x 149 ft., brick, concrete and stone, Washington St. and Spring Ave. $250,000. Private plans.

Mo., St. Louis—THEATRE and APARTMENT—A. Laventhal Realty Co., 5307 Waterman Ave., having revised plans prepared by Wedmeyer & Nelson, Wainwright Bldg., and takes bids in June, 2 story and basement, 106 x 123 ft., rein.-con., brick, stone and terra cotta, Union Blvd. and Northland Ave. $350,000. Noted Jan. 15.

Tex., Denton—HOTEL—R. B. Pender had preliminary plans prepared by H. L. Spicer, 1614 Amicable Bldg., Waco, 6 story and part basement, 42 x 120 ft., and 36 x 65 ft. hotel, South Locust and East Mulberry Sts. $200,000. Noted Apr. 2.

Tex., Ft. Worth—HOSPITAL—All Saints Hospital, c/o D. Wosley 52 Jennings Ave., soon takes bids 3 story, rein.-con., brick and stone annex, 8th and Magnolia Ave. $150,000. Berlin & Severn, 19 South La Salle St., Chicago, Ill., archts. Glasgow & Longley, 311 1st Natl. Bank Bldg., super. archts.

Tex., Rusk — HOSPITAL — East Texas Insane Asylum, c/o S. B. Cowell, chn., 1709 Brazos St., Austin, having plans prepared by Page Bros., 348 Austin Natl. Bank Bldg., Austin, improving hospital, here. $150,000.

Okla., Tulsa — OFFICE — J. M. Gillette, c/o Ketchum Hotel, having preliminary plans prepared by A. J. Love & Co., Lynch Bldg., 8 story and basement, 50 x 150 ft., rein.-con., plain foundation, 8th and Boulder Sts. $200,000. Noted Mar. 19.

Okla., Wewoka—HOTEL—Wewoka Hotel Co. having preliminary plans prepared 3 story and basement, 50 x 160 ft., brick, plain foundation, Walnut St. $160,000. R. Z. Wood, Wewoka, engr. Architect not selected.

Nev., Reno—BANK—Farmers & Merchants Bank, Nevada State Life Bldg., having preliminary plans prepared by F. J. DeLongchamps, Gazette Bldg., steel and concrete addition. $150,000.

Wash., Hoquiam — APARTMENT — H. Bittman, archt., Securities Bldg., Seattle, preparing plans and takes bids about June 2, 3 story and basement, 108 x 150 ft., rein.-con. and tile, 7th and L Sts., for R. Philbrick, Hoquiam. $200,000.

Wash., Seattle — STORE — H. Bittman, archt., Securities Bldg., preparing plans and takes bids about June 13, 2 story (ultimately 10 story) and basement, 108 x 120 ft., terra cotta, 4th and Stewart Sts., for Tyee Investment Co., Securities Bldg., $160,000.

Ore., Portland—OFFICE—W. L. Thompson, 1st Natl. Bank Bldg., plans 12 story, 50 x 100 ft. office building, Bway. and Stark St. $1,000,000.

Ore., Portland—STORE—S. H. Kress & Co., 114 5th Ave., New York City, N. Y., plans 4 story and basement, 100 x 100 ft., rein.-con., 5th and Morrison Sts., here. $500,000. Engineer and architect not selected.

California—HOTEL—H. Louterbach Co., et al., Burlingame, plans 2 story, 300 room hotel, incl. golf course and swimming pool, in Portola Valley, San Mateo Co. $1,000,000. Engineer and architect not selected.

Calif., Altadena (Pasadena P. O.) — HOME — Boys and Girls Aid Society of Pasadena, having plans prepared by M. Hunt, 1107 Hibernian Bldg., Los Angeles, four 1 story, 40 x 197 ft. dormitories, two 2 story, 130 x 268 ft. administration buildings, and two 2 story, 26 x 128 ft. hospitals, here. $300,000.

Calif., Alameda — HOTEL — Hockenbury Hotel System Inc., associated with Alameda Chamber of Commerce, R. W. Calcutt, pres. plans concrete hotel, foot of Beach St. $300,000.

Calif., Berkeley—OFFICE and STORE—Mercantile Trust Co., having plans prepared by W. H. Ratcliffe, Jr., Mercantile Trust Bldg., 10 story and basement, steel, Shattuck Ave. To exceed $350,000.

Calif., Fresno — COURTHOUSE — Plans election $350,000 bonds, for courthouse annex, etc.

Calif., Fresno—THEATRE—West Coast Theatres, Inc., of North California, 134 Leavenworth St., San Francisco, plans fireproof theatre here. $300,000.

Calif., Fruitvale—STORE and THEATRE—A. A. Cantin, archt., Flatiron Bldg., San Francisco, preparing plans 1 story, 100 x 200 ft., Class A store and theatre. $150,000. Owner's name withheld.

Calif., Garberville — HOTEL — Benbow Development Co., having plans prepared by A. Farr, 68 Post St., San Francisco, 2 story, 100 room, timber and plaster hotel. $150,000.

Calif., Hollywood — APARTMENT — H. Genser, Hibernian Bldg., Los Angeles, archt., preparing plans 4 story, 50 x 150 ft., brick, Beachwood Dr. Owner's name withheld.

Calif., Long Beach — OFFICE and APARTMENT—T. J. Sten had plans prepared by H. R. Davies, 1010 Farmers & Mechanical Bank Bldg., 4 story and basement, 52 x 200 ft., rein.-con., brick and timber, West 14th St. $200,000.

Calif., Los Angeles—APARTMENT—S. C. Lee, archt., Douglas Bldg., making preliminary plans 4 story and basement, 80 x 140 ft., brick, 10th and Valencia Sts. Owner's name withheld.

Calif., Los Angeles—APARTMENT—S. C. Lee, archt., Douglas Bldg., preparing preliminary plans 4 story and basement, 100 room, brick, Winfield St. Owner's name withheld.

Calif., Los Angeles—HOTEL—S. C. Lee, archt., Douglas Bldg., prepared plans, 5 story and basement, 100 room, Class A construction Leeward St. Owner's name withheld.

Calif., Los Angeles — HOTEL and APARTMENT—A. T. Williams, 331 South Westlake St., had preliminary plans prepared by W. Bruce, 525 Chapman Bldg., 3 story, 120 x 227 ft., timber and stucco, Long Beach Blvd. and Temple St. To exceed $150,000.

Calif., Los Angeles—HOTEL and STORE—A. C. Vaughan, et al, c/o Postle Co., archts., Van Nuys Bldg., had plans prepared 12 story and basement, 75 x 125 ft., rein.-con., Carondelet St. $750,000.

Calif., Los Angeles—OFFICE—J. Toplitzky, H. W. Hellman Bldg., having plans prepared by Schultze & Weaver, Pacific Mutual Bldg., 12 story and basement, 65 x 120 ft., terra cotta, stone and marble, Spring St. between 6th and 7th Sts. $1,000,000.

Calif., Los Angeles—POLICE STATIONS—City having preliminary plans prepared by Dept. of Construction, 799 West Santa Barbara Ave., 2 story, 80 x 100 ft., rein.-con. and brick, York Blvd.; also had plans prepared by above architects 3 story, 50 x 125 ft., rein.-con., Georgia Ave.

Calif., Los Angeles — THEATRE and LOFT—H. L. Arnold Co., 901 West 7th St., having preliminary plans prepared by T. B. Keim, Haas Bldg., 3 story and basement (ultimately 12 or 13 story) 105 x 325 ft., rein.-con., 7th St.

Calif., Newport Beach — HOTEL — F. Musselman, 1908 West 5th St., Santa Ana, plans hotel, fireproof construction, on 100 x 150 ft. site, 23rd St. and Ocean Ave., here. To exceed $150,000.

Calif., Oakland — STORE and OFFICE and LODGE — Corporated Masonic Temple Assn. of Oakland, c/o P. R. Williams, archt., Stock Exch. Bldg., Los Angeles, having plans prepared 3 story and basement, 90 x 100 ft., rein.-con. store, office and lodge building. To exceed $150,000.

Calif., Salinas — HOSPITAL—Monterey Co. plans fireproof hospital. To exceed $150,000.

Calif., San Bernardino—WAREHOUSE—San Bernardino Warehouse & Storage Co., plans 3 story (ultimately 5 story), 125 x 200 ft., rein.-con., South E St.

Calif., San Gabriel — HOME — National Benevolent Assn. c/o R. H. Orr, archt., Corporation Bldg., Los Angeles, having revised plans prepared, group of buildings for home, here $250,000 or more.

Calif., San Francisco — APARTMENT — G. A. Shaffer, et al, 560 Sutter St., having plans prepared by S. L. Hyman, 68 Post St., 10 story and basement, rein.-con., Pacific Ave. and Laguna St. To exceed $500,000.

Calif., San Francisco — OFFICE and SALESROOM—Kohler-Chase Co., O'Farrell

Buildings—Commercial (Continued)

St. near Stockton St., plans 6 story and basement, fireproof, vicinity of O'Farrell and Stockton Sts. $150,000 or more. Engineer and architect not selected.

Calif., San Francisco — THEATRE and STORE—West End Development Co., had plans prepared by P. F. DeMartini, 946 Bway., 1 story, steel and concrete, Mission St. near Oliver St. $155,000.

Ont., Toronto—BANK—Canadian Bank of Commerce, King and Melinda Sts., plans 6 story and basement, 150 x 160 ft., rein.-con., brick and steel addition, plain foundation, King St. $500,000. Engineer and architect not selected.

Ont., Toronto—OFFICES—Toronto General Trusts Corp., 253 Bay St., plans 3 story, 80 x 100 ft. addition, rein.-con., brick and steel, plain foundation, Bay St., $150,000. Engineer and Architect not selected.

H. T., Honolulu—HOTEL—Matson Navigation Co., et al., Matson Bldg., San Francisco, Calif., plans hotel, here. $2,000,000.

BIDS DESIRED

Mass., Brighton (Boston P. O.)—WAREHOUSE, OFFICE and SHOWROOM—International Harvester Co. of America, South Michigan Ave., Chicago, Ill., taking bids 4 story and basement, 80 x 160 ft., rein.-con., plain foundation, 63 North Beacon St., here. $200,000. Private plans.

Mass., Pittsfield—STORE—England Bros. Dept. Store, 184 North St., taking bids altering and constructing 3 story and basement, 50 x 100 ft., brick addition. $150,000. G. E. Haynes, 184 North St., archt.

Mass., Quincy (Boston P. O.)—COURTHOUSE—May 26, by Dept. Public Buildings, Boston, 1 story and basement, granite and limestone, plain foundation, Chestnut Hill Ave. and Academy Hill Rd., here. $225,000. O'Connell & Shaw, 134 Newbury St., Boston, archts.

Mass., Quincy (Boston P. O.) — THEATRE, STORE and OFFICE—National Theatre Co. taking bids 3 story and basement, 80 x 215 ft., rein.-con., brick and steel, Hancock St., Wollaston Sect. $200,000. J. L. Roberts Eng. Co., 101 Tremont St., Boston, engrs. Tuck & Co., 636 Warren St., Roxbury, archts. Noted Jan. 15.

N. Y., Brooklyn—CLUBHOUSE—July 15, by A. P. Brophy, chn. Building Comn., B. P. O. E. 22, 150 South Oxford St., 12 story and basement, 162 x 186 ft., brick, steel and stone, plain foundation, Boerum Pl., Schermerhorn and Livingston Sts. $4,500,000. McKim, Mead & White, 101 Park Ave., New York City, archts. Noted Apr. 2.

N. Y., Brooklyn—May 25, by Y. M. C. A., South Elliott Pl., 6 story and basement, brick, steel and stone, plain foundation, 6th Ave. and 9th St.

N. Y., Long Island City—FIRE STATION—May 26, by T. J. Drennan, fire comr., Municipal Bldg., New York City, central station for Bureau Fire Alarm Telegraph, Myrtle Ave. west of Gulon Ave., Forest Park, here.

N. Y., New York—APARTMENT—Perlbinder Realty Co., c/o C. Kreymborg, archt. and engr., 2534 Marion Ave., will build 6 story, 100 x 115 ft., brick, steel and stone, plain foundation, Bryan Ave. $200,000. Work will be done by separate contracts.

N. Y., New York—LOFT—Five Seventy 7th Ave. Corp., c/o Cowan & Daly, 41 East 42nd St., will build 20 story, 72 x 100 ft., brick, steel and stone, plain foundation 570-576 7th Ave. $1,000,000. Work will be done by separate contracts. Sugarman, Hess & Berger, 245 Madison Ave., engrs.

Pa., Phila. — APARTMENTS — Babies & Bender, Shubert Bldg., will build 4 story and basement, brick foundation, Chestnut and 62nd Sts. $150,000. Work will be done by separate contracts. J. W. Levin, 1011 Chestnut St., archt.

Pa., Phila.—APARTMENT—Owner, c/o J. E. Fieldstein, archts., Otis Bldg., will build 4 story and basement, 139 x 219 ft., brick and steel, plain foundation, Lincoln Dr. and Hatter St. $500,000. Work will be done by separate contracts.

Pa., Pittsburgh—MERCANTILE—W. E. Snaman, archt., Empire Bldg., will build 5 story and basement, 30 x 241 ft., brick and hollow tile, 5th and Oliver Aves., for Lloyd Department Stores, Inc., 318 Oliver Ave. $300,000. Work will be done by separate contracts.

O., Cleveland — APARTMENT — J. Narosny, 3rd Ave. E., taking bids 3 story and basement, 66 x 158 ft., brick, steel and concrete, 2060 East 83rd St. $200,000. Schabel & Grimm, Erie Bldg., archts.

Ill., Chicago—APARTMENT—E. Ellison, 8129 Paxton Ave., taking bids 3 story and basement, 60 x 125 ft., brick and stone, plain foundation, 7000 Kimbark St. $150,000. J. Hocke, 7602 Chappel Ave., archt.

Ill., Chicago—APARTMENT—R. Gregori, archt., 155 North Clark St., taking bids 3 story and basement, 50 x 135 ft., brick and terra cotta, plain foundation, 3067 Kenmore Ave., for L. and N. Wallack, 6438 Greenview Ave. $150,000.

Ill., Chicago—STORE—A. Epstein, archt. and engr., 2001 West Pershing Rd., taking bids 5 story and basement, 50 x 100 ft., rein.-con., brick and terra cotta, plain foundation, 6531 Halsted St., for South Side Furniture & Carpet Co., 473 East 31st St. $250,000.

Ill., Chicago—STORE and RECREATION—B. L. Steif, archt., 64 West Randolph St., taking bids 3 story and basement, 75 x 125 ft., brick and terra cotta, plain foundation, Milwaukee and Sawyer Aves., for I. W. Lederer, 6616 Cottage Grove Ave. $250,000.

Ill., Chicago—THEATRE and OFFICE—Lowenberg & Lowenberg, archts. and engrs., 111 West Monroe St., taking bids 3 story and basement, 125 x 175 ft., rein.-con., brick and terra cotta, plain foundation, 5900 Kedzie St., for C. M. Wasson, 343 South Dearborn St. $900,000.

Ill., St. Charles—THEATRE and OFFICE—E. F. Behrns, archt., 605 North Michigan Ave., taking bids 2 story and basement, 50 x 200 ft., rein.-con., brick and terra cotta, plain foundation, Main St., for L. Norris, 167 South Main St., St. Charles. $150,000. Noted Dec. 18.

Wis., Janesville—AMUSEMENT—H. F. Jones, 107 North Franklin St., taking bids for superstructure 2 and 1 story, 90 x 100 ft., and 42 x 110 ft., brick, concrete and steel amusement gardens, plain foundation, North Franklin St. $150,000. Private plans.

Wis., Milwaukee—BUSINESS—May 25, by M. Tullgren & Sons, archts., 425 East Water St., 2 story and basement, 20 x 60 ft., and 62 x 120 ft brick and concrete, plain foundation, Mason St., for G. Watts & Son, 424 Milwaukee St. $150,000. Noted Oct. 23.

Calif., Hollywood — CLUB — J. Morgan, archt., Merchants Exch. Bldg., San Francisco, taking bids 3 story and basement, rein.-con., Lexington Ave. and Lodi Pl., here, for Hollywood Studio Club. $150,000. Noted Apr. 9.

Calif., Long Beach—BANK and OFFICE—W. H. Wise, 115 West Bway., taking bids 4 story and basement, 75 x 150 ft., rein.-con. and tile, 113-123 East Bway. $200,000. W. H. Austin, 521 Pacific Southwest Bank Bldg., archt. Noted Feb. 19.

Calif., Ventura—HOTEL—Berg Investment Co. taking bids 5 story and basement, 150 x 150 ft., tile and timber hotel, Ventura St. $150,000. C. L. Jay, 845 East Washington St., Pasadena, archt. Noted Feb. 26.

BIDS RECEIVED

O., Cleveland — FIRE STATION — City, W. R. Hopkins, city mgr., 2 story and basement, 30 x 90 x 96 x 119 ft. brick, steel and concrete, Central Viaduct, from Griffin Constr. Co., 5511 Euclid Ave., $135,991. Noted May 7.

Calif., Oakland—HOSPITAL—Providence Hospital, c/o R. A. Herold, archt., Forum Bldg., Sacramento, from Schuler & McDonald, 306 12th St., for 5 story and basement, rein.-con., hospital, here. Noted Apr. 30.

CONTRACTS AWARDED

Mass., Boston—HOSPITAL—City, 9 story and basement, brick and limestone, plain foundation, Albany and East Concord Sts., to J. Bowen Co., 184 Dudley St., Roxbury. Noted May 21.

Mass., Dorchester (Boston P. O.) — APARTMENT—M. Locomovich & I. Landfield, c/o S. E. Moffie, archt., 46 Cornhill St., Boston will build 3 story and basement, 90 x 100 ft., brick and stone, Bowdoin St., here, by day labor. Archts. est. $200,000.

Mass., New Bedford — APARTMENT — Roosevelt Apartments, J. Lipsitt, Times Bldg., 5 story and basement, brick, to Rose Constr. Co., Times Bldg. Archts. est. $150,000 or more.

Mass., Northampton—DORMITORY—Bd. Trustees Smith College, three 4 story and basement, stone and granite, plain foundations, Kensington Ave., to J. P. Keating, 80 Boylston St., Boston. Archts. est. to exceed $150,000.

Mass., Quincy (Boston P. O.)—STORE, RESTAURANT and AMUSEMENT — Quincy Amusement Enterprise, 658 Hancock St., will build 1 and 2 story and basement, 103 x 238 ft., brick and timber, 671-681 Quincy Shore Dr., by day labor. $150,000 or more. Silverman, Brown & Hewson, 51 Cornhill St., Boston, archts.

Mass., Quincy (Boston P. O.)—ST[illegible] —J. J. Johnson, 31 State St., Bost[illegible] story and basement, rein.-con., brick steel, plain foundation, Washington [illegible] Temple Sts., here, to E. S. Butterfield, Broad St., Boston. Archts. est. $175,0[illegible]

Conn., New Haven—STORE, etc.—H. M. Bullard Co., 93 Orange St., 4 story, 40 [illegible] ft. store and warehouse, 2 story, 70 [illegible] ft. warehouse, and 1 story, 25 x 6[illegible] garage, brick and steel, Grand Ave., to C. W. Murdock, Inc., 505 Grand Ave. Archts. est. $150,000.

N. Y., New York—DORMITORY—Y. M. C. A., 600 Lexington Ave., 5 story, 75 x 100 ft., brick, steel and stone, plain foundation, 175 West 137th St., to Dall, Hayden & Treat, Grand Central Terminal. Archts. est. $300,000.

Pa., Homestead — DORMITORIES — Carnegie Steel Co., Carnegie Bldg., Pittsburgh, general contract 1 story and basement dormitories, here, to Nicola Building Co., Pennsylvania and Dennison Aves., Pittsburgh. Archts. est. $150,000.

O., Cleveland — COMMERCIAL and THEATRE — Cedar-Lee Realty Co., c/o C. D. Simmons, pres., Fidelity Mortgage Bldg., 1 and 2 story, 120 x 120 ft., brick, steel and concrete, Lee Rd., to Van Blarcom Co., Natl. City Bldg. Archts. est. $200,000. Noted July 17.

O., Cleveland — COMMERCIAL and GARAGE—Rockwell Building Co., c/o C. S. and K. B. Britton, Caxton Bldg., 3 story, 60 x 100 ft., and 4 story, 66 x 80 ft., brick, steel and concrete with garage in basement, 717-31 Superior Ave., to Russell-Wales Co., 1419 St. Clair Ave. Archts. est. $200,000.

O., Columbus—OFFICE—Snyder, Babbitt & Matthews, archts., 16 East Broad St., 12 story and basement, 75 x 100 ft., rein.-con. and brick, High St., to J. W. Heckart, 209 South High St., for Huntington Natl. Bank, 21 South High St. $468,500. Noted Apr. 23.

O., Fostoria — STORE and OFFICE — J. Bigham, 4 story and basement, brick and concrete, 228 North Main St., brick work, to L. Martin, Fostoria, and plumbing and heating, to J. Rowles, Fostoria.

Ill., Rockford — BANK and OFFICE — Manufactures Natl. Bank, 327 East State St., general contract 8 story and basement, 46 x 116 ft., rein.-con., brick, steel and stone, to Holm-Page Co., Kishwaukee St. Archts. est. $500,000. Noted Apr. 23.

Ill., St. Charles — BANK, STORE and APARTMENT—E. J. Baker, St. Charles, 2 story and basement, 44 x 90 ft. and 22 x 60 ft., rein.-con., brick, stone and terra cotta, 2nd and Main Sts., to H. Jensen, St. Charles. Archts. est. $150,000. Noted Apr. 16.

Wis., Milwaukee—APARTMENT—State Realty Co., 137 2nd St., 3 story and basement, 60 x 150 ft., brick and tile, plain foundation, 25th St., to Reisinger & Co., 464 Oakland Ave. Archts. est. $150,000.

Minn., Minneapolis—AUDITORIUM—H. N. Knott, city clk general contract 5 story and basement, rein.-con., brick and steel 3rd and Stevens Aves., 14th and Grant Sts., to Natl. Constr. Co., 311 Metropolitan Bank Bldg., $1,757,125.

N. D., Valley City—COURT HOUSE—C. W. Nelson, aud. Barns Co., general contract 3 story and basement, rein.-con., brick and stone, to W. Butler Co., Summit and Lexington Aves., St. Paul, Minn., $277,906. Noted Apr. 16.

Mo., Kansas City—APARTMENTS—G. H. McCanles, of McCanles Building Co., Victor Bldg., will build 6 story and basement, 42 x 158 ft., 39th and Baltimore Sts. $440,000, and two 4 story and basement, 42 x 158 ft., one at 106 and other at 112 West 39th St., by day labor. $320,000 each, all rein.-con., plain foundations. Grand total $1,080,000. E. C. Faris, 3840 Main St., archt.

Mo., St. Louis — APARTMENT — E. M. Worthington, 535 Belt Ave., will build 3 story and basement, rein.-con., brick and stone, 4166-68 Lindell Blvd., by day labor. $750,000. W. S. Frank, Century Bldg., archt. J. T. Caraven, Century Bldg., engr. Noted May 7.

Mo., St. Louis—APARTMENT—Trade Realty & Building Co., 111 North 7th St., will build 3 story and basement, 114 x 137 ft., brick, concrete and stone, 4101-05 Magnolia St., by day labor. $150,000. N. B. Howard, International Life Bldg., archt.

Mo., St. Louis — STORE and APARTMENT—Plows-Bialock Co., 621 Chemical Bldg., will build 3 and 4 story and basement, 71 x 132 ft., brick, concrete and stone, Grand Blvd., by day labor. $150,000.

Buildings—Commercial (Continued)
Wedemeyer & Nelson, Wainwright Bldg., archts.

Mo., University (St. Louis P. O.) — APARTMENT—University City Realty Co., c/o C. P. Currant, 8th and Walnut Sts., St. Louis, will build 6 story and basement, 120 x 184.5 ft., rein.-con., brick, steel and terra cotta, 68th St. and Delmar Blvd., here, by day labor, under supervision of P. J. Bradshaw, archt., International Life Bldg., St. Louis. $1,000,000.

Tex., San Antonio — ORPHANAGE — Protestant Orphans Home, A. E. Chittem, ch. Building Comn., Milton and Elder Sts., general contract 3 story, rein.-con., brick and stone, Bandera Rd., to E. W. Oeffinger, 204 Maverick Bldg., San Antonio, $133,750. Noted Apr. 16.

Okla., Tulsa—OFFICE and THEATRE—J. M. Gillette, 307 Commercial Bldg., will build 8 story, 90 x 95 ft., concrete, brick, terra cotta and steel, 4th and Boulder Sts., by day labor. $450,000. E. W. Saunders, Commercial Bldg., archt. Noted May 14.

Ore., Astoria—HOTEL and STORE, etc. —E. P. Hawkins, 4 story, 95 x 120 x 180 ft., rein.-con. and timber, plain and woodpile foundation, Commercial, 11th and Duane Sts., to Uhrbrandt & Lerrick, Astoria. Archts. est. $250,000.

Calif., Fresno — EXCHANGE — Pacific Telegraph & Telephone Co., 333 Grant Ave., San Francisco, 4 story, rein.-con., Stanislaus St. and Van Ness Ave., to Monson Bros., 251 Kearny St., San Francisco, $350,000. Noted July 31.

Calif., Los Angeles—BANK, STORE and OFFICE—Security Trust & Savings Bank, 2 story and basement, 75 x 125 ft., brick and steel, Western Ave., to Edwards-Wildey-Dixon, Black Bldg. Noted May 14.

Calif., Los Angeles — HOTEL — S. H. Lund, Elmar Hotel, South Hope St., will build 4 story and basement, 60 x 75 ft., brick, South Hope St., by day labor.

Calif., Los Angeles—HOTEL and STORE —B. Hoffman, 6 story and basement, 50 x 135 ft., concrete and timber, Loomis St., near 6th St., to A. Bard & Co., 405 Union Bank Bldg., $160,000.

Calif., Los Angeles — STORE, OFFICE and THEATRE—J. J. Warrick, 2 story, 84 x 150 ft., rein.-con. and brick store and office building, and 2 story, 100 x 156 ft., concrete and brick theatre and store building, Vermont Ave. between 1st and 3rd Sts., to Bairn & Burch Co., 173 Jefferson St., $220,000. West Coast Theatres, Knickerbocker Bldg., lessee. Noted Mar. 5.

Calif., Oakland — APARTMENT and HOTEL—N. and K. Banhofer, 1636 Franklin St., 3 story, 110 room, concrete, brick and timber, East 15th St., to California Builders, Inc., 1636 Franklin St., $160,000. Noted Apr. 28.

Calif., Oakland—CLUB—Y. W. C. A., 6 story and basement, rein.-con., home and club, Harrison and 24th Sts., to Villadsen Bros., Inc., 417 Market St., San Francisco, approximately $180,000 (percentage basis).

Calif., Sacramento — DEPOT — Southern Pacific Co., 65 Market St., 3 story, rein.-con. passenger and freight depot, to Davison & Nicolsen, 336 Lafayette St., Stockton, approximately $200,000. Noted Apr. 23.

Calif., San Francisco—APARTMENT—J. Greenback, 180 Jessie St., will build 6 story and basement, rein.-con., Pacific Ave. by day labor. $150,000.

Calif., San Francisco — APARTMENT — C. Jorgenson, Atlas Bldg., will build 8 story and basement, Class A, Jackson St. near Laguna, by day labor. $150,000.

Calif., San Francisco—APARTMENT—E. Tropp, et al, c/o Hyman & Appleton, archts., 68 Post St., 10 story and basement, rein.-con. and steel, Pacific and Laguna Sts., to Cahill Bros., 55 Montgomery St., $500,000.

Buildings—Educational, Religious

PROPOSED WORK

Mass., East Douglas—HIGH SCHOOL—School Building Com. plans 2 story high school. $150,000. Engineer and architect not selected.

Mass., Harwich — SCHOOL — Town rejected bids 2 story and basement, 95 x 116 ft., brick and stone high and elementary school. $175,000. Will probably readvertise. W. T. Littlefield, 3 Hamilton Pl., Boston, archt.

Mass., Revere—HIGH SCHOOL—School Com. plans 2 story addition to Junior High School, Ward 2. $150,000. Engineer and architect not selected.

R. I., Central Falls—HIGH SCHOOL—Bd. Educ. plans brick and steel high school. $250,000.

N. Y., Ithaca — LIBRARY, etc. — State College of Agriculture, Cornell University, takes bids about June 20, 2 story 100 x 156 ft. library, 4 story 40 x 240 ft. plant industrial building, 4 story, 45 x 100 ft. Herbarium wings, and 1 story, 30 x 130 ft. top addition to surgical hospital. S. W. Jones, Albany, state archt.

Pa., Phila.—CHURCH—Unitarian Congregation, Germantown, R. S. Forbes, pastor, 7144 Crefelt St., plans church on Lincoln Dr. and Upsal St. $250,000. O. B. Jenkins, Land Title Bldg., pres. Bd. Trustees. Engineer and architect not selected.

Tennessee—SCHOOLS—State Legislature appropriated $160,000 for new buildings at Agricultural and Industrial Normal School at Nashville; and $50,000 for Alvin York Agricultural School in Fentress Co. A. Peay, State Capital, Nashville, governor. Noted Dec. 25.

Tenn., Nashville—COLLEGE—Southern Y. M. C. A. Training College, c/o W. D. Weatherford, Wesley Hall, having tentative plans prepared 4 story and basement, brick and stone, incl. swimming pool, gymnasium, laundry, etc., 21st Ave. S. $507,000. Plans will be adopted by local engrs. Noted Apr. 30.

Tenn., Nashville — COLLEGE — Scarritt College for Christian Workers, J. L. Cuninggin, pres., takes bids about June 6, (1st unit) Bennett Memorial Building, brick and stone. $300,000. H. C. Hibbs, 4th and 1st Natl. Bank Bldg., archts. Noted Aug. 7.

O., Canton—CHURCH and SCHOOL—St. Anthony's Roman Catholic Church, had plans prepared by W. Koehl, 1720 Euclid Ave., Cleveland, 2 story, brick, steel and concrete church and school. $150,000.

O., Canton—HIGH SCHOOL—Bd. Educ., J. F. Roos, clk., takes bids about May 21, Central High School, 2 story and basement, rein.-con. and brick. $168,000. Vernon, Redding and associates, Mansfield, archts.

O., Canton—SCHOOL—Bd. Educ. takes bids about May 15, 2 story and basement, 82 x 111 ft., brick, steel and concrete addition to Gibbs School. $150,000. Richards, McCarty & Bulford, Columbus, archts. Noted Apr. 23.

O., Cleveland — SCHOOL — Bd. Educ. having plans prepared by W. R. McCornack, East 6th St. and Rockwell Ave., 3 story, brick, steel and concrete, Oak Park. $475,000.

O., Cleveland Heights (Warrensville P. O.)—CHURCH—Church of the Cross (Methodist Episcopal), A. L. Marting, pastor, Berea, having preliminary plans prepared by H. W. Maurer, 1991 East 66th St., Cleveland, 1 story, brick, Caledonia and Winsford Rds. $150,000.

O., East Cleveland (Cleveland P. O.)—CHURCH and SUNDAY SCHOOL—Windemere Methodist Episcopal Congregation, B. McCarty, pastor, 14037 Euclid Ave., plans 1 and 2 story, brick and steel, Euclid and Holyoke Aves. $160,000. Austin Co., 16112 Euclid Ave., Cleveland, archts.

O., Kenmore — HIGH SCHOOL — Bd. Educ. plans 2 story and basement school. $300,000.

Mich., Ovid—SCHOOL—Bd. Educ. having plans prepared by Lane, Davenport & Peterson, 1017 Charlevoix Bldg., Detroit, 2 story and basement, rein.-con., brick and steel, plain foundation. $150,000.

Ill., Chicago—CHURCH—Greek Orthodox Church, 9866 Commercial Ave., D. Kozomara, pastor, plans 2 story and basement church, 9800 Commercial Ave. $150,000. Engineer and architect not selected.

Ill., Chicago — CHURCH — South Shore Methodist Episcopal Church, J. P. Stafford, 8738 South Michigan Ave., pastor, having plans prepared by C. F. Wheeler, 4635 North Kenton Ave., 2 story and basement, 30 x 125 ft., rein.-con., brick and terra cotta, plain foundation, 7700 Colfax Ave. $150,000.

Ill., Chicago—SCHOOL—Olviet Institute, 4444 Blackhawk Ave., having plans prepared by Perkins, Fellows & Hamilton, 814 Tower Court, group rein.-con., brick and stone school buildings, plain foundations, Cleveland and Blackhawk Aves. $600,000.

Ill., Kankakee — HIGH SCHOOL — Bd. Educ. E. A. Jeffers, pres., 830 South Main St., takes bids about May 28, 3 story and basement, concrete, brick and stone high school $500,000. L. T. W. Steube, 415 Adams Bldg., Danville, archt. Noted Feb. 19.

Wis., Madison — GYMNASIUM — University of Wisconsin, J. D. Phillips, bus mgr., Administration Bldg., plans rein.-con., brick and steel gymnasium, 12,000 seating capacity, plain foundation. $250,000. Engineer and architect not selected.

Wis., Milwaukee — INSTITUTION and CHAPEL—House of Good Shepherd, 5010 North Ave., having preliminary plans prepared by Eschweiler & Eschweiler, 210 Mason St., girls, sisters and Magdalen buildings and chapel, 3 story and basement, rein.-con. and brick, plain foundation, North Ave. To exceed $150,000.

Wis., Superior—GYMNASIUM—Bd. Normal School Regents, State Capitol, Madison, having plans prepared by A. Peabody, State Capitol, Madison, 2 story, 62 x 210 ft., brick and concrete, plain foundation, at State Normal School, here. $175,000.

Kan., Pittsburg—LIBRARY—State Bd. Administration, Topeka, having preliminary plans prepared by C. Cuthbert, State Capitol, Topeka, 2 story and basement, brick, concrete and stone library, here, for State Teachers College, Topeka. $150,000.

Neb., Gothenburg—HIGH SCHOOL—Bd. Educ., secy., plans new high school. $175,000. Davis & Wilson, 525 South 13th St., Lincoln, archts.

Neb., Hastings — SCHOOL — Bd. Educ., plans school. $350,000. K. H. Gedney & Co., Loyal Mystic Legion Bldg., archts.

Wyo., Casper — CHURCH — Owner c/o L. A. Reed, chn. building com., had plans prepared by R. S. Webb, Daly Bldg., Presbyterian Church, 1 story and basement, 100 x 120 ft., rein.-con., brick, stone and steel, River Blvd. and Walnut St. $800,000.

Mo., Mexico—HIGH SCHOOLS—Election soon $300,000 bonds 2 and 3 story, rein.-con., brick and stone Senior and Junior high schools.

Mo., Warrensburg—GYMNASIUM—Central Missouri Teachers College appropriated $175,000 for gymnasium.

Ark., Hot Springs—HIGH SCHOOL—Bd. Educ. making preliminary plans Junior High School, 3 story, 134 x 138 ft., rein.-con., brick and steel. $150,000.

Tex., Dallas — HIGH SCHOOL — Bd. Educ., c/o W. C. Lemon, South Akard and Royal Sts., plans high school on east side. $500,000. Engineer and architect not selected.

Tex., Houston — HIGH SCHOOLS — Bd. Educ., c/o H. L. Mills, bus. mgr., 1600 Washington Ave., having plans prepared by Endress & Cato, Bankers Mortgage Bldg., J. Finger, Keystone Bldg. West End Junior High School, 2 story, rein.-con., brick and steel, $150,000; also having plans prepared by M. J. Sullivan, and Priscoe & Dixon, 1701 2nd Natl. Bank Bldg., North Side Senior High School, 2 story, rein.-con. and stone., $230,000. W. W. Watkins, Scanlon Bldg., consult. archt. on both projects.

Tex., Ft. Worth — SCHOOLS — Election May 29, $2,000,000 bonds for schools. M. H. Moore, supt. Bd. Educ.

Tex., Wichita Falls — HIGH SCHOOL — Voted $500,000 bonds for Junior High school, and additions to other schools, concrete brick and stone, plain foundations.

Tex., San Antonio — HIGH SCHOOL — Election in June $250,000 bonds Junior High School, 2 story and part basement, rein.-con., brick and stone, plain foundation, Yorkshire and Berkshire Sts. Phelps & De Wees, Gunter Bldg., archts.

Calif., Bakersfield—AUDITORIUM, etc.—Roman Catholic Archbishop, Los Angeles, having plans prepared by E. G. Martin, Citizens Natl. Bank Bldg., Los Angeles, for 5 buildings, incl. rectory, convent, church and school, probably brick or concrete, California Ave.

Calif., Brawley—SCHOOL, etc.—Brawley High School Dist. having preliminary plans prepared by G. S. Wilson, 646 West 9th St., Riverside, new shop building, gymnasium and swimming pool. $175,000.

Calif., Colusa—HIGH SCHOOL—Voted $200,000 bonds for new high school. Noted Mar. 26.

Calif., Hollister — CONVENT — Sacred Heart Convent, c/o Shea & Shea, archts., 454 Montgomery St., San Francisco, having plans prepared rein.-con. and timber convent, school and hall. $150,000.

Calif., Long Beach — SCHOOL — Roman Catholic Archbishop, Los Angeles having plans prepared by E. G. Martin, Citizens Natl. Bank Bldg., Los Angeles, 2 story, brick, 7th St. $150,000.

Calif., Los Angeles—HIGH SCHOOL—Bd. Educ. having plans prepared by Russell & Alpaugh, Story Bldg., Sawtelle-Harding High School, 2 story, 135 x 151 ft., rein.-con. and brick.

Calif., San Diego — SCHOOLS — Voted $400,000 bonds, constructing new schools and enlarging and completing some now under construction. W. Angier, U. S. Natl. Bank Bldg., secy Bd. Educ.

Buildings—Educational, Religious (Cont.)

Ont., Pembroke — HIGH SCHOOL — Bd. Educ. soon takes bids 3 story and basement, 100 x 176 ft., rein.-con. and brick high school, plain foundation. $150,000-$200,000. Craig & Madill, 707 Yonge St., Toronto, archts.

BIDS DESIRED

N. H., Goffstown — HIGH SCHOOL — Town taking bids 2 story and basement, 40 x 110 ft., brick and stone high school. $150,-000. C. R. Whitcher, 814 Elm St., Manchester, archt. $150,000.

N. H., Rochester — HIGH SCHOOL — School Comn. taking bids 3 story and basement, 68 x 70 ft., and 52 x 90 ft., brick and stone high school, plain foundation. $165,000. J. E. Richardson, 56 Grove St., Dover, archt. Noted Apr. 2.

Mass., Lawrence—SCHOOL—School Bd. taking bids 2 and 3 story and basement, brick, Allen St. Eastern Sect. $150,000. Ashton, Huntress & Alter, 477 Essex St., archts. Noted Feb. 26.

Mass., Leominster — SCHOOL — St. Cecelias French Catholic Church, J. E. Chicoins, pastor, taking bids 3 story and basement, brick, Mechanic St. $150,000. W. H. Fountain, Federal Bldg., Worcester, archt. Noted Mar. 19.

Mass., South Attleboro—SCHOOL—May 22, by City, R. R. Briggs, chn. com., 2 story and basement, brick, plain foundation. $150,000. McLaughlin & Burr, 88 Tremont St., Boston, archts.

Pa., Phila.—SCHOOL—May 23, by P. A. Monaghan, archt., 1713 Sansom St., 3 story and basement, 63 x 143 ft., brick and steel, plain foundation, East 4th and Buist Sts., for St. Barnabas Roman Catholic Church, J. E. Dougherty, pastor. $150,000.

Pa., Reading—HIGH SCHOOL—May 26, by A. H. Leader, supt. Buildings, Bd. Educ., 3 story and basement, 152 x 360 ft., brick and steel, plain foundation, 13th, Oley and Palm St. Ritcher & Eiler, Reading, archts.

O., Cleveland—SCHOOL—June 1, by Bd. Educ., W. S. Malcus, R. F. D. Warrensville, Cleveland, 2 story and basement, brick, steel and concrete addition, Lee and Miles St. $160,000. Fulton & Taylor, 8120 Euclid Ave., archts.

O., Cleveland — SYNAGOGUE — Chevas Jerusalem Congregation, H. F. Epstein, rabbi, 2297 East 89th St., taking bids 2 story and basement, 50 x 175 ft., brick, steel and concrete, Parkwood Dr. $150,000. M. Altschuld, 5116 Woodland Ave., archt.

O., Shawnee—SCHOOL—May 23, by Bd. Educ., Shawnee Rural School Dist., E. E. Clem, clk., 2 story and basement, 66 x 179 ft. with 68 x 91 ft. wing, brick, steel and concrete centralized school. $250,000. T. D. McLaughlin and associates, 610 Savings Bldg., Lima, archts.

Mich., Ironwood — CHURCH — E. Brielmaier & Sons, archts., 432 Bway., Milwaukee, Wis., taking bids 2 story, 66 x 130 ft., brick and stone, plain foundation for St. Ambrose Congregation, J. Moriarity, pastor. $150,000.

Ia., Maringo—SCHOOL—May 28, by Bd. Educ., D. Gode, secy., 2 story and part basement, 140 x 170 ft., concrete and brick school. $150,000. Dougher, Rich & Woodburn, 806 Valley Natl. Bank Bldg., archts. Noted Feb. 5.

BIDS RECEIVED

Minn., Minneapolis — SCHOOL — Bd. Educ., City Hall, May 8, general contract 3 story and basement, rein.-con., brick and stone new school also remodeling and constructing addition to present building, Spruce Pl. and 14th St., from Madsen Bros., 548 Builders Exch., $182,907 and $86,970 respectively. Noted Apr. 30.

CONTRACTS AWARDED

Mass., Brookline (Boston P. O.) — CHURCH — All Saints Episcopal Church, Dean Rd., altering and constructing 1 story and basement, rein.-con. and granite addition, plain foundation, to F. L. and C. E. Whitcomb, Inc., 17 Wareham St., Boston. Archts. est. $150,000.

R. I., Providence — COLLEGE — Brown University, 2 story and basement, 51 x 110 ft., brick and steel, Brook and Manning Sts., to C. B. McGuire Co., 507 Grosvenor Bldg. Archts. est. $170,000.

Conn., Ridgefield — HIGH SCHOOL — Supt. Schools, Town Hall, 2 story and basement, 40 x 120 ft., brick and steel, Middleridge Ave., to R. E. Bassett, Ridgefield. Archts. est. $150,000. Noted Apr. 30.

Conn., Simsbury—SCHOOL—Bd. Educ., 1 story and basement, 130 x 160 ft., brick, to Lawrence & Coe, 372 Trumbull St., Hartford.

Conn., Stamford — SCHOOL — Sisters of St. Joseph, Strawberry Hill, 3 story and basement, 60 x 120 ft., and 40 x 50 ft., brick and stone, Strawberry Hill, here, to Clark Constr. Co., 168 Grand St., Waterbury. Archts. est. $200,000. Noted Apr. 16.

N. J., Westfield—SCHOOL—Bd. Educ., 3 story and basement, 172 x 185 ft., brick and steel, plain foundation, Clark St. and Tuttle Parkway, to Thomas, Day & Son, Fitz-Charles Bldg., Trenton, $327,004. Noted May 14.

Md., Boonsboro—SCHOOL—Washington Co. School Bd., c/o A. J. Klinkhart, archt., Hagerstown, 2 story, 112 x 146 ft., brick and steel, plain foundation, to W. H. Miller, Williamsport, $150,000.

O., Norwood (Ind. Br. Cincinnati)—SCHOOL—Bd. Educ., 1 story and basement, rein.-con. and brick, Hannaford St., excavating, concrete, cement, brick and terra cotta and carpentry work, to E. A. Curry, 1855 Kinney Ave., Cincinnati, $142,290; plumbing and heating, to H. Niemes, 4112 Hamilton Ave., Cincinnati, $30,690. Noted Apr. 9.

Minn., White Bear (White Lake P. O.)—CHURCH — St. Mary's Roman Catholic Church, general contract 2 story and basement, 60 x 120 ft., rein.-con. brick and stone, to C. Skooglun, 502 Ryan Bldg., St. Paul, approximately $150,000. Noted Dec. 25.

Kan., St. Marys—COLLEGE—St. Marys College general contract 3 story and basement, 125 x 125 ft., rein.-con. and native stone, plain foundation, on campus, to G. P. Reintjes Co., Interstate Bldg., Kansas City, Mo. $175,000.

Neb., Lincoln — HIGH SCHOOL — Bd. Educ., J. C. Ludlam, secy., general contract for Clinton Junior High School, 2 story and basement, rein.-con., brick and steel, to Olson Constr. Co., 205 Chapin Bldg., $242,000. Noted Apr. 9.

Neb., Lincoln—SCHOOL—Bd. Educ., J. G. Ludlam, secy., 2 story and basement, 65 x 100 ft., rein.-con., brick and stone, Sheridan Park and Wendover Ave., to C. C. Bickel, University Pl., $117,980. Noted Apr. 9.

Mo., Hannibal — HIGH SCHOOL — Bd. Educ., E. F. Mangles, secy., general contract Central High School, 2 story and basement, 110 x 195 ft., rein.-con. brick and stone, to Dean & Hancock, Sedalia, $130,500. Noted Apr. 23.

Mo., Hannibal — HIGH SCHOOL — Bd. Educ., E. F. Mangels, secy., Eugene Field Junior High School, 3 story, 70 x 200 ft., brick and concrete, to Tobin Constr. Co., Grand Ave. and Delmar Blvd., St. Louis. Archts. est. $175,000.

Ore., Portland—SCHOOL—School Dist. 1, Hasford School, 2 story, 165 x 278 ft., rein.-con., plain foundation, Kenelworth Ave. and East Grant St., to Parker & Bansfield, 62 East 3rd St. N. E., $209,800.

Calif., Pasadena — LIBRARY — City, 1 story, brick and terra cotta. Walnut and Garfield Sts., to Orndorff Constr. Co., 351 North Western Ave., Los Angeles, $318,817. Noted Apr. 7.

Calif., San Francisco — SCHOOL — Bd. Pub. Wks., Alvardo School, 22nd and Douglas Sts., to Monson Bros., 251 Kearny St., for City and San Francisco Co., $261,-850. Noted Apr. 2.

Ont., Ottawa—MONASTERY—Dominican Fathers, 95 Empress Ave., addition to monastery, to Doran Constr. Co., 273 Wilbrod St., about $200,000.

Federal Government Work

PROPOSED WORK

D. C., Wash.—Steel, etc.—May 28, at office A. L. Flint, genl. purch. officer, Panama Canal, Wash., D. C., furnishing steel, steel rope, insulated cable, wire, iron or steel pipe, etc.

Ky., Louisville — Pipe — U. S. Engineer Office, P. O. Box 72, soon takes bids 1,500 ft. 4 in., 2,460 ft. 3 in. w. i. pipe for Dams 49, 50 and 52, Ohio River.

Ky., Louisville—Pump—U. S. Engineer Office, P. O. Box 72, soon takes bids horizontal duplex boiler feed or pressure pump, etc. E. Kanzler, purch. agt.

California—Bridge—C. H. Sweetser, dist. engr. U. S. Bureau Pub. Rds., 9 Main St., San Francisco, plans Donner Summit Bridge, concrete and steel, in Tahoe Natl. Forest, Nevada Co.

BIDS DESIRED

Conn., Norwich—Remodeling—June 19, by Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling post office, here.

N. J., Vineland—Post Office—June 11, by Treas. Dept. at office Supervising Archt., Wash., D. C., 60 x 68 ft. post office here; adv. E. N.-R. May 21

Pa., Pittsburgh—Remodeling—June 10, by Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling post office, here; adv. E. N.-R. May 21.

Ga., Brunswick — Electric Light Plant — June 16, by Treas. Dept. at office Supervising Archt., Wash., D. C., electric light plant at Quarantine Sta. here.

Ala., Mobile — Heating Plant — June 16, by Treas. Dept. at office Supervising Archt., Wash., D. C., hot water heating plant, here.

Ala., Montgomery—Barge—June 1, by U. S. Engineer Office 80 ft. steel barge; adv. E. N.-R. May 21.

La., New Orleans—Heating System—June 17, by Treas. Dept. office Supervising Archt., Wash., D. C., heating system at Marine Hospital here.

La., New Orleans—Incinerator—June 8, by Treas. Dept. at office Supervising Archt., Wash., D. C., incinerator at Marine Hospital, here.

Ohio—Breakwaters—June 11, by U. S. Engineer Office, Buffalo, N. Y., stone superstructures on breakwaters at Cleveland, Fairport, and Ashtabula Harbors, here; adv. E. N.-R. May 21.

Colorado — Roads — June 15, by G. E. Goodwin, ch. civil engr., at office Superintendent Mesa Verde Natl. Park, Mancos, 3 or 4 mi. roads in Mesa Verde Natl. Park.

Ariz., Whipple Barracks—Cable, etc.—June 16, by U. S. Veterans Bureau Wash., D. C., furnishing and installing cables and wiring for automatic telephone system at Hospital 50, here.

Ariz., Whipple Barracks — Fire Alarm System — June 16, by U. S. Veterans Bureau, Wash., D. C., fire alarm system at hospital 50, here.

P. I., Camacao—Hospital—Spec. 5051—July 29, (extended date) by Bureau Yards & Docks, Navy Dept., Wash., D. C., constructing hospital here. Noted Apr. 16.

BIDS RECEIVED

Mass., Boston—Repairing Crane—Bureau Yards & Docks, Navy Dept., Wash., D. C., repairing crane here, from Amer. Hoist & Derrick Co., 63 South Roberts St., St. Paul, Minn., (1) $39,973, (1a) $793, (2) $32,183 (2a) $793 (3) $32,078, (3a) $793 (4) $24,086 (4a) $793, (5) $25. Noted May 7.

Conn., Mystic—Post Office—Treas. Dept. at office Supervising Archt., Wash., D. C., post office, here, from W. MacDonald Constr. Co., Syndicate Bldg., St. Louis, Mo., $43,736. Noted Apr. 23.

Fla., Lake City—Roads and Walks—U. S. Veterans Bureau, Room 791 Arlington Bldg., Wash., D. C., roads and walks at U. S. Veterans Hospital, here, from A. C. Samford, Montgomery, Ala., (1) $18,040 (2) $1,500 (3) $930.

Ky., Louisville—Metal Work—U. S. Engineer Office, P. O. Box 72, metal work for Beartrap Weirs for Dam 45, Ohio River, from J. and J. B. Milholland Co., 714 5th Ave., Pittsburgh, Pa., valves and operating machinery, Lot A $3,090, tripping bar, etc., Lot C $695, reinforcing bars, Lot D $1,244; from Amer. Car & Fdry. Co., Jeffersonville, Ind., fixed metal work, Lot B $14,589. Noted Apr. 16.

Ia., Knoxville—Roads and Walks—U. S. Veterans Hospital, Room 791 Arlington Bldg., Wash., D. C., roads and walks at Hospital, here, from T. Amadeo, Des Moines, $36,000.

Wyoming—Road—J. W. Johnson, dist. engr. Custom House, Denver, Colo., grading 1.71 mi. Dayton-Steamboat Rock Project, Sheridan Co., here, from J. S. Haley, Bozeman, Mont., classified $41,136, unclassified $39,974.

Colorado—Road—W. W. Johnson, dist. engr. Bureau Pub. Rds., 301 Custom House, Denver, grading 5.1 mi. Cumbres Pass Natl. Forest Rd., Conejos Co., from W. A. Colt & Son, Las Animas, classified $34,394, unclassified $35,884. Noted Apr. 30.

H. T., Pearl Harbor—Elevator—Bureau Yards & Docks, Navy Dept., Wash., D. C., elevator here from Otis Elevator Co., 816 18th St. N. W., Wash., D. C., $4,595.

CONTRACTS AWARDED

R. I., Providence—Dredging—U. S. Engineer Office, dredging in Block Island Harbor of Refuge, to J. S. Packard Dredging Co., Turks Head Bldg., $10,460. Noted Apr. 2.

N. C., Thomasville—Post Office—Treas. Dept. at office Supervising Archt., Wash., D. C., 1 story brick and tile post office, here, to Agostina Bros., Arcade Bldg., Norfolk, Va., $37,939. Noted Apr. 16.

La., New Orleans — Levee Work — U. S. Engineer Office, 140 Decatur St., 301,000 cu.yd. levee work in Sycamore Levee and 187,000 cu.yd. Minorca Levee, both Lower Tensas Levee Dist., Concordia Parish, to Dameron & Kenyon, Baton Rouge, $48,211 and $30,014 respectively; 123,800 cu.yd. Manchac Levee Dist., Iberville Parish, to Lower Coast Constr. Co., Godchaux Bldg., $14,720; 42,000 cu.yd. White Castle Levee, Atchafalaya Levee Dist., Iberville Parish, to D. B. Hearin & Son, Baton Rouge, $5,157.

Ky., Louisville—Metal Work—U. S. Engineer Office, P. O. Box 72, metal work for Navigable Pass of Dam 46, Ohio River, to Amer. Car & Fdry. Co., Jeffersonville, Ind., 77,783 lb. structural steel, 80,853 lb. steel castings, 2,380 lb. 3,198 lb. steel forgings.

Federal Government Work (Continued)

Lot A, $11,588, 218,989 lb. structural steel, 25,308 lb. steel forgings and 23,256 lb. steel castings, Lot B, $10,698; 547,200 lb. steel forgings Lot C, $26,998; to Centre Fdry. & Machine Co., Warwood Ave., Wheeling, W. Va., 196,875 lb. cast iron Lot D, $6,647; to J. T. Ryerson Co., 2558 West 16th St., Chicago, Ill., 90,000 lb. steel, Lot E, $2,236.

Ill., Geneseo—Post Office—Treas. Dept. at office Supervising Archt., Wash., D. C., post office, here, to W. D. Lovell, 2247 Hendon Ave., Minneapolis, Minn., $40,455. Noted Jan. 1.

Mo., St. Louis — Earthwork — Mississippi River Comn., 1311 International Life Bldg., 300,000 cu.yd. earthwork in Iowa River-Flint Creek Levee Dist. 16, in Iowa, to La Crosse Dredging Co., Plymouth Bldg., Minneapolis, Minn., $0.2475 per cu.yd. Noted May 7.

Unclassified

PROPOSED WORK

Elevated Station—Boston, Mass.—Commonwealth of Boston, State House, making plans elevated station, Charles and Cambridge Sts. $600,000. Boston Transit Dept., 1 Beacon St., engrs.

Playground, Boston, Mass. — City Planning Bd., plans playground on Webster Ave., Hanover and Unity Sts., North End Dist. $100,000. F. H. Fay, chn.

Swimming Pool—New York, N. Y.—See "Buildings—Commercial."

Swimming Pool — Augusta, Ga. — See "Buildings—Commercial."

Gas System — Clearwater, Fla. — Plans election $70,000 bonds extending gas system. C. Mason, city mgr.

Swimming Pool—Nashville, Tenn.—See "Buildings, Educational, Religious."

Grandstand—Akron, O.—Firestone Tire & Rubber Co., South Main St., had plans prepared by Osborn Eng. Co., 7016 Euclid Ave., Cleveland, 1 story, rein.-con. grandstand. $75,000.

Dock Development — Cleveland, O. — Cuyahoga Co., plans developing dock along Lake Erie East 9th St. to Gordon Park, also bulkheads, etc. To exceed $500,000. R. Hoffman, City Hall, engr.

Park Improvements — Chicago, Ill. — Bd. South Park Comrs., 5700 Cottage Grove Ave., having plans prepared by L. White & A. H. Plunt, 5700 Cottage Ave., 1 story, rein.-con., brick and stone buildings, plain foundations incl. assembly halls and swimming pool, 50 x 150 ft., gymnasium, shower buildings, etc. 48 x 105 ft. and 60 x 110 ft. steam heating plant 45 x 68 ft., all in J. R. Mann Park, 130th and Commercial Sts., $250,000; service yard 110 x 180 ft., swimming pool 50 x 150 ft., and locker, shower room, etc., 60 x 110 ft. and 48 x 106 ft., in Tuley Park, 98th and South Park St., $150,000.

Heating and Plumbing—Rockford, Ill.—Peterson & Johnson, archts., Swedish Amer. Bank Bldg., soon takes bids heating and plumbing, etc., for 8 story and basement, 46 x 116 ft. bank and office building for Manufacturers Natl. Bank, 327 East State St. $500,000.

Golf Course—Portage, Wis.—R. F. Pfeil, 123 East Cook St., making plans public golf course, etc. $25,000. F. H. Baker, c/o owner, engr.

Stadium—Columbia, Mo.—University of Missouri had plans prepared and soon takes bids (1st unit) rein.-con. memorial stadium, 22,000 (ultimately 100,000) seating capacity, also grading, etc. for athletic field. $300,000. J. P. Jamieson & G. Spearl, Arcade Bldg., St. Louis, archts.

Grain Elevator — Kansas City, Mo. — Chicago & Alton, R.R. Co., 340 West Harrison St., Chicago, Ill., having plans prepared 1,000,000 bu. grain elevator rein.-con. $500,000. R. A. Cook, ch. engr.

Swimming Pool — St. Louis, Mo. — See "Buildings—Commercial."

Swimming Pool, Golf Course, etc.—California—See "Buildings—Commercial."

Subway — California — State Hy. Comn., Sacramento, Los Angeles Co. (Los Angeles), and Union Pacific R.R., 58 East Washington St., R. L. Huntley, ch. engr., plan subway under state highway and railroad tracks between Montebello and Whittier. $160,000 or more.

Lighting System, etc. — Los Angeles, Calif.—City Harbor Comn., soon takes bids ornamental lighting system and paving various streets. To exceed $75,000. G. F. Nicholson, ch. engr.

Tunnels—Los Angeles, Calif.—City plans pedestrian tunnels orposite city schools. To exceed $350,000. H. A. Van Norman, city engr.

Street Lighting System—Oakland, Calif.—City Council, E. K. Sturgis, clk., soon takes bids electrolier system around Lake Merritt. To exceed $25,000. W. W. Harmon, city engr. Noted Apr. 9.

Culverts — San Diego, Calif. — Common Council plans 1,438 ft. rein.-con. culvert in N St., incl. 1902 ft. 36 in. double S. C. and 1,943 ft. 30 in. D. S. C. pipe, etc. $75,000. F. A. Rhodes, city engr.

Swimming Pools, etc.—Hamilton, Ont.—Plans to expend $25,000 on swimming and wading pools. W. L. McFaul, city engr.

BIDS DESIRED

Heating System—Geneva, N. Y.—June 17, by C. D. Bostwick, comptroller, Cornell University, Ithaca, heating work, new boilers, etc. for Geneva Experimental Sta., here. S. W. Jones, Albany, state archt.; adv. E. N.-R. May 21.

Inspection Shed—Long Island City, N. Y.—May 29, by Bd. Transportation, 49 Lafayette St New York City, extending inspection shed at Queensboro Plaza Sta., Routes 36 and 37, Sect. 1, here.

Electrical and Refrigerating Equipment—New York, N. Y. — June 16, by E. J. O'Malley, comr. Pub. Markets, Municipal Bldg., complete mechanical electrical and refrigerating equipment for Bronx Municipal Market, Exterior and East 151st Sts.

Dock, etc.—Baton Rouge, La.—June 11, by Comn. Council, dock and approaches. J. W. Billingsley, Interstate Bank Bldg., New Orleans, consult, engrs.; adv. E. N.-R. May 21.

Electric Light System—Youngsville, La.—See "Waterworks."

Athletic Field — Cleveland, O. — May 25, by Bd. Educ., F. H. Hogen, dir., East 6th St. and Rockwell Ave., athletic field, and grading, laying walks, landscaping and fencing property. To exceed $25,000. W. R. McCormick, East 6th St. and Rockwell Ave., engr.

Swimming Pool and Natatorium—Corsicana, Tex. — Bd. Directors Natatorium, Inc., c/o R. M. Tilley, taking bids swimming pool and natatorium, incl. 5,500 cu.yd. excav., 2,000 ft. drain tile, 5,300 sq.ft. sidewalks, 700 lin.ft. curb wall, 32,300 sq.ft. floor slab, 11,000 lb. reinforcing, etc. $10,000. W. W. McClendon, Corsicana, engr.

Causeway — Dallas, Tex. — City taking bids 7,200 ft. causeway, incl. 100 ft. steel span, 135 ft. creosoted pile trestle approach, 1,020 ft. creosoted pile bridging, 5,945 ft. earth roadway 10 ft. high, 105,000 cu.yd. embankment, etc., across Gorza Reservoir at Fish Trap Crossing, near Mingo Station. Nagle & Thompson, 2003½ Main St., consult. engrs.

Sub-Tunnel—Los Angeles, Calif.—Tunnels Transportation Co., 426 California Bldg., taking bids 1,500 ft. 16 x 8½ ft. tunnel between Hill and Figueroa Sts., 13,000 cu.yd. excav., 5,000 cu.yd. rein.-con., 32,000 sq.ft. concrete base with asphalt surface paving, etc. $250,000. Private plans.

BIDS RECEIVED

Subway — Long Island City, N. Y. — Bd. Transportation, 49 Lafayette St., New York City, May 15, additions and alterations to Queensboro subway, from Gotham Constr. Co., 50 Church St., New York City, (1) $84 (2) $14,603. Noted May 14.

Bulkhead, etc. — New York, N. Y. — M. Cosgrove, comr. Docks, Pier A, May 18, (1) removing existing old structures (2) dredging and disposal of material (3) new bulkhead platform with wall (4) riprap for bulkhead (5) platform for East 139th and 140th Sts. dump, contr. 1852-A, from A. M. Hazell, Inc., 26 Cortlandt St. (1) $1,275; from H. Steers Inc., 17 Battery Pl., (2) $31,900 (4) $10,800 (5) $90,845; from A. N. Spooner, Pier 11, North River (3) $40,270. Noted May 14.

Steam Heating System—New York, N. Y.—E. J. O'Malley, comr. Pub. Markets, Municipal Bldg., May 14, steam heating system in wholesale market, storage building and power house for Bronx Municipal Terminal Market, Exterior and East 151st Sts., from Austin Eng. Co., 121 West 42nd St., $43,672. Noted May 7.

Subway—New York, N. Y.—Bd. Transportation, 49 Lafayette St., May 15, Washington Heights subway in Central Park West between 78th and 88th Sts., from A. A. Johnson Corp., 3rd St. and West Ave., Long Island City, $3,651,000. Noted May 7.

Conduit—Baltimore, Md.—Bd. Awards, 100,000 ft. (more or less) single vitr. clay conduit, from Western Electric Co., South St., $0.1075.

Street Lighting System—Redondo Beach, Calif. — Street lighting system on Beryl, Opal Sts., etc., from Underground Construction Co., 517 South Bway., Pasadena, $74,775. Noted Apr. 9.

CONTRACTS AWARDED

Borings—New York—Bd. Transportation, 49 Lafayette St., New York City, land and river borings in East River from Wall St. (Manhattan) to Cranberry St. (Brooklyn) Route 101, from Rutgers St. (Manhattan) to Jay St., (Brooklyn) Route 103, and from 53rd St. (Manattan) across Welfare Island to Nott Ave. (Queens) Route 104, Newtown Creek, at Van Alst Ave. (Queens) Route 107 E, to Pennsylvania Drilling Co., 1812 West Carson St., Pittsburgh, Pa., $44,970. Noted May 14.

Mechanical Equipment — Long Island City, N. Y.—Bd. Educ., 500 Park Ave., New York City, mechanical equipment, heating and ventilating apparatus for Jamaica High School, Grand and Chapin Aves., here, to Shevlin Eng. Co., 110 West 34th St., New York City, $238,250. Noted Apr. 30.

Subway—New York, N. Y.—Bd. Transportation, 49 Lafayette St., constructing Sect. 6 B, of Route 78, along and under West 173rd St., to Moranti & Raymond, 42 Bway., $151,900. Noted May 14.

Fill—Phila., Pa.—G. W. Biles, dir. Dept. Pub. Wks., fill for municipal stadium, east of Broad St. and Pattison Ave., to Keystone State Constr. Co., Franklin Bank Bldg., 40,000 cu.yd. at 0.62 per cu.yd., total $248,000; to Lewis and Slevin, 234 South 44th St., 30,000 cu.yd. at $0.98 per cu.yd., total $29,400. Noted Apr. 9.

Stadium—Phila., Pa.—Dept. Pub. Wks., City Hall, 174 x 1,950 ft. rein.-con. and brick stadium, general contract on superstructure, to Turner Constr. Co., 242 Madison Ave., New York City, $1,377,800. Noted May 7.

Dock—Cornucopia, Wis.—Belle Twp., 600 ft. brick and timber dock on Lake Superior front, to Whitney Bros. Co., 909 Alworth Bldg., Duluth, $30,000.

Asphaltic Concrete — Milwaukee, Wis. — Central Bd. Purchases, 360 tons ahphaltic concrete, to Texas Co., 332 South Michigan Blvd., Chicago, Ill., at $30.60 per ton in wooden bbl. and $29.10 in steel drums.

Stadium—Milwaukee, Wis.—School Bd., F. Harbach, secy., 10th and Prairie Sts., contract for concrete work, 50 x 360 ft. rein.-con. stadium, to Dreyer Constr. Co., 1008 6th St., $56,828, carpentry, to H. Jahns, 1915 Chestnut St., $13,170; and masonry, to W. Buchholz & Co., 1081 Sherman Blvd. Noted Apr. 23.

Limestone — Minneapolis, Minn. — F. S. Gram, city purch. agt., 5,282 cu.yd. crushed limestone, to Anoka Crushed Stone Co., 1125 Plymouth Bldg., at $1.90 per cu.yd.

Road Oil—St. Paul, Minn.—H. W. Austin, city purch. agt., for 700,000 gal. road oil, to W. H. Barber Co., 1501 Franklin Ave. S. E., Minneapolis, at $.0621 per gal. Noted Apr. 2.

Gas Line—Kansas—Empire Gas & Fuel Co., Wichita, 35 mi. 10 in. welded line, 20 mi. 16 in. dresser coupling line and 1 mi. 12 in. welded line construction, to Conner & Son, 814 New York Life Bldg., Kansas City, Mo.; pipe, to Natl. Tube Co., Frick Bldg., Pittsburgh, Pa. Engrs. est. $850,000. This corrects report of May 7 issue.

Undergrade Crossing—Seattle, Wash.—See "Streets and Roads."

Grain Elevator—Portland, Ore.—Balfour Guthrie & Co., 353 Oak St., 9 story, 50 x 100 ft. grain elevator, 100,000 bu. capacity, to L. H. Hoffman, Gasco Bldg., $100,000.

Fire Alarm System—Los Angeles, Calif.—Los Angeles Co., fire alarm system in Belvedere Gardens Dist., to Brown & Pengilly, 2114 East 9th St. $66,780.

Materials

PROPOSED WORK

Pipe—Turlock, Calif.—City plans to purchase 250 ft. 8 in. Matheson patent joint pipe or equivalent, 0.158 in. thick, weight 13.405 lbs. ft. of length; 800 ft. 6 in. Matheson patent joint pipe, 0.140 in. thick, weight 8.872 lbs. per ft., all coated in and out with asphaltum.

BIDS DESIRED

Cement—Long Island City, N. Y.—May 25, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., 3,000 bags Portland cement.

Crushed Stone, etc.—Cleveland, O.—May 22, by City, crushed stone and road oil. To exceed $5,000.

Road Oil—Appleton, Wis.—May 25, by E. L. Williams, city clk., 60,000 gal. road oil, 25% asphaltic content.

BIDS RECEIVED

Calcium Chloride—Toms River, N. J.—Freeholders Ocean Co., May 5, 7 car loads calcium chloride at different points, 1 car from Amer. Oil & Supply Co., 238 Wilson St., Newark, 3 cars from Dow Chemical Co., 90 West St., New York City, and 3 cars from Wing & Evans, 40 Rector St., New York City, all at $26.25 per ton.

CONTRACTS AWARDED

Steam Cinders, etc.—Brooklyn, N. Y.—J. A. Guider, boro pres., Boro Hall, 10,000 cu. yd. steam cinders, to W. P. Rourke, 259 77th St. $10,000; also 40,000 gal. gasoline, to Tidewater Oil Sales Corp., 11 Bway., New York City, $7,200. Noted May 7.

OFFICIAL PROPOSALS

Bids: June 1.

Lighting Fixtures

WESTCHESTER COUNTY HOSPITAL
Mount Pleasant, N. Y.

Proposals will be received for the furnishing and erecting of Lighting Fixtures required for the Nurses' Home and Employees' Dormitory in connection with the County Hospital in the Town of Mount Pleasant, County of Westchester and State of New York, and known as Grasslands Hospital.

Separate sealed bids or proposals will be received at the office of the Clerk of the Board of Supervisors at the Court House, White Plains, New York, until eleven a.m. (Daylight Saving), June 1, 1925.

Specifications, drawings and all information relative to the same may be procured either from Walker & Gillette, Architects, or from Fred L. Merritt, Clerk of the Board of Supervisors, Court House, White Plains, New York.

Each separate bid or proposal must be accompanied by a certified check in the sum of three per cent of the amount bid, made payable to the Treasurer of the County of Westchester, same to be forfeited to the County of Westchester as liquidated damages in the case of failure on the part of the successful bidder to enter into a contract for the execution of the work awarded to him and to furnish a satisfactory bond within five days after notice of such award.

Each successful bidder will be required to execute the contract and furnish a surety company bond in the sum equal to fifty per cent of the amount of the contract awarded to him, guaranteeing the faithful performance of the work, said contract and bond to be in the form required by the County Attorney.

All bidders must submit their proposal on the form of bid accompanying the drawings and specifications and in the manner indicated therein.

The Board of Supervisors reserves the right to reject any and all bids, or to accept any proposal which it may deem for the best interest of the County of Westchester.

THE BOARD OF SUPERVISORS OF WESTCHESTER COUNTY,
By FRED L. MERRITT,
Clerk.

Bids: May 25.

Paving

Catskill, N. Y.

The Board of Trustees of the Village of Catskill. Sealed proposals will be received by the undersigned at the Village Building, Catskill, N. Y., on Monday the 25th day of May, 1925, at one o'clock p.m., daylight saving time, for the improvement of Division Street, Catskill Village, with Reinforced Concrete, .208 Miles.

Plans, specifications, proposal forms and estimate may be seen at the Village Building, Main Street, Catskill, N. Y.

Proposals must be submitted in separate sealed envelopes with the name of the contractor on the outside.

Each proposal must be accompanied by a certified check payable to the order of the Village of Catskill for an amount equal to at least three per cent of the amount of the proposal.

The successful bidder will be required to execute the contract within ten days of date of letting.

The right is reserved to reject any or all bids.

Dated, Catskill, N. Y., May 13, 1925.
EARL C. SANDT,
President, Board of Trustees of
The Village of Catskill.

Bids: June 5.

Deepening of Headrace of Government Power Plant

EDISON SAULT ELECTRIC CO. SAULT STE. MARIE, MICHIGAN
Sault Ste. Marie, Mich.,
May 15, 1925.

Sealed proposals for deepening the headrace of the Government Power Plant, operated by this Company under lease, will be received at this office, 115 Ashmun Street, Sault Ste. Marie, Mich., until 3 p. m. (Central Standard Time), June 5, 1925, and then publicly opened. Full information on application.

Edison Sault Electric Co.
By THOMAS CHANDLER,
President.

OFFICIAL PROPOSALS

Bids: June 5.

Road Work

STATE DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
Albany, N. Y.

Sealed proposals will be received by the undersigned at the office No. 55 Lancaster Street, Albany, N. Y., until one o'clock p.m. advanced standard time, which is twelve o'clock noon eastern standard time, on Friday, June 5, 1925, for the construction of roads in the following counties:

CATTARAUGUS.....(one highway: 1.91 miles)
CAYUGA..(two highways: 3.37 & 3.45 mi.)
CHEMUNG.....(one highway: 1.96 mi.)
CHENANGO.....(one highway: 6.78 mi.)
GENESEE.....(one highway: 3.51 mi.)
KINGS.....(one highway: 8.02 mi.)
MONTGOMERY..(one highway: 7.22 mi.)
NASSAU.....(one highway: 16.30 mi.)
OSWEGO.....(one highway: 3.45 mi.)
QUEENS.....(one highway: 8.02 mi.)
ULSTER.....(one highway: 1.01 mi.)

Also for the reconstruction of the following:

DUTCHESS.....(one contract: 2.89 miles)
FRANKLIN.....(one contract: 6.48 mi.)
MONROE.....(one contract: 4.65 mi.)
ONEIDA.....(one contract: 4.66 mi.)
OSWEGO.....(one contract: 2.00 mi.)
ROCKLAND.....(one contract: 2.67 mi.)
SULLIVAN.....(one contract: 6.95 mi.)

Maps, plans, specifications and estimates may be seen and proposal forms obtained at the office of the Bureau in Albany, N. Y., and also at the office of the division engineers in whose division the roads, to be constructed or reconstructed, are located. The addresses of the division engineers and the counties in which they are in charge will be furnished upon request.

The especial attention of bidders is called to "General Information for Bidders" in the itemized proposal, specifications and contract agreement.

A. W. BRANDT,
Commissioner of Highways.

Bids: June 8

Materials

STATE OF NEW JERSEY
STATE HIGHWAY COMMISSION
Trenton, N. J.

NOTICE IS HEREBY GIVEN that sealed bids will be received by the State Highway Commission of New Jersey for the following highway maintenance materials:

Ready Mixed White Lead Paint; ready mixed Red Lead Paint; and Ready mixed black Graphite Paint, in the following approximate quantities:

3250 Gallons Ready Mixed White Lead Paint
500 Gallons Ready Mixed Red Lead Paint.
400 Gallons Ready Mixed Black Graphite Paint.

Bids will be received at the offices of the State Highway Commission, Broad Street Bank Building, Trenton, New Jersey, on Monday, June 8th, 1925, at eleven o'clock (11:00 a.m.), Standard Time, and opened and read immediately thereafter.

Points of delivery and other details will be furnished upon application to A. W. Muir, Superintendent of Maintenance, Room No. 820, Broad Street Bank Building, Trenton, New Jersey.

Specifications, form of bid, special addressed envelope and conditions under which bids will be accepted for the above are on file in the office of A. W. Muir, Superintendent of Maintenance, Room No. 820 Broad Street Bank Building, Trenton, New Jersey, and may be obtained upon request. Bids must be made on the proposal forms furnished, in the manner designated therein, and as required by the specifications, same to be enclosed in sealed special addressed envelopes which will be furnished each bidder with the bid blank, bearing the name and address of the bidder on the outside, and must be accompanied by a certified check drawn to the order of the Treasurer of the State of New Jersey for not less than ten per cent (10%) of the amount of the bid, provided that the said certified check shall not be less than $500.00 nor more than $20,000.00 and be delivered at the above place on or before the hour named. Bids not submitted on the standard proposal form or enclosed in other than the special envelope will be considered informal and will be rejected.

The State Highway Commission reserves the right to reject any or all bids.

By order of the State Highway Commission.

A. LEE GROVER,
Secretary.

OFFICIAL PROPOSALS

Bids: June 9.

Bridge

Media, Pa.

Sealed proposals will be received at the Controller's office Media, Pa., on Tuesday June 9th, 1925 until 11:00 a. m. (Daylight Saving Time) for furnishing all tools, labor and equipment necessary to construct Bridge No. 185 known as West Ninth Street Bridge, over Chester River, Chester, Pa., to consist of a reinforced concrete arch one hundred and sixty (160) foot span, to replace present steel through truss.

Bids from others than those engaged or established in business for which proposals are asked will not be entertained and no bid will be entertained unless made out on printed blank forms furnished by the County Commissioners.

All bids must be accompanied by a certified check for ten (10) per cent of the amount bid. All checks must be drawn to the order of the Commissioners of Delaware County.

Plans and specifications can be had by applying at the office of the County Controller Media, Pa.

All bidders desiring a set of plans and specifications shall deposit Ten (10) Dollars with the County Controller, which amount will be refunded if plans and specifications are returned within one week after the opening of bids.

Also—

At the same time and place forty (40) Ballot Check Lists and forty (40) Voting Check Lists for the City of Chester. Samples can be seen by applying at the County Commissioners' office, Media, Pa.

The County Commissioners reserve the right to reject any or all bids.

GEORGE T. WADAS,
County Controller.

Bids: June 8

Core Borings

STATE OF NEW JERSEY
STATE HIGHWAY COMMISSION
Trenton, N. J.

NOTICE IS HEREBY GIVEN that sealed bids will be received by the State Highway Commission of New Jersey for the following:

For approximately 2,250 lin.ft. of casings to be sunk to rock through water, and 250 lin.ft. of diamond drill core borings in rock under water; 5,850 lin.ft. of casings sunk to rock on land, and 650 lin.ft. of diamond drill core borings in rock; 900 lin.ft. of diamond drill cores preserved; 800 dry samples taken and preserved, and 60 holes in and near the river to be grouted. The borings to be performed on the line of State Highway Route No. 1 Extension between the Hudson Boulevard in Jersey City and Doremus Avenue, Newark, in the counties of Essex and Hudson, State of New Jersey.

Bids will be received at the office of the State Highway Department, 9th floor Broad Street Bank Building, Trenton, New Jersey, on Monday, June 8, 1925, at eleven o'clock (11:00 a.m.), Standard Time, and opened and read immediately thereafter.

Drawings, specifications and form of bid for the proposed work are on file in the office of the State Highway Department, Trust Company of New Jersey Building, Jersey City, New Jersey, and may be obtained upon application at that point. Bids must be made on the proposal forms furnished in the manner designated in the specifications and must be enclosed in sealed special addressed envelopes bearing the name and address of the bidder and name and location of the work on the outside, and must be accompanied by a certified check drawn to the order of the Treasurer of the State of New Jersey for not less than ten percent (10%) of the amount of the bid, provided that the said certified check shall not be less than $500.00, and be delivered at the office of the State Highway Commission, 9th floor, Broad Street Bank Building, Trenton, New Jersey, on or before the hour named.

Each bidder must accompany his bid with a certificate from a surety company duly authorized to do business in this State, stating that such surety company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of the said specifications, conditioned for the faithful performance of the provisions of the contract and specifications.

By order of the State Highway Commission.

A. LEE GROVER,
Secretary.